

Publications by Daniel Pauly

(November 1973 – January 2026)

2026 - ITEMS IN PEER-REVIEWED JOURNALS

- Rossi, A.-L. N. Bailly, F. Teletchea and D. Pauly. Revisiting Island Biogeography in Marine Systems: Macroecological Drivers of Species Richness. [to be submitted]
- Newell, D. and D. Pauly. The white sturgeon (*Acipenser transmontanus*) of British Columbia, Canada: Its life history and the history of its small-scale fisheries. [to be submitted]
- Smith, M.X. and D. Pauly. Estimating the inland fisheries catches of Africa, 1950-2019 [to be submitted]
- Palomares, M.L.D., V. A. Parducho, L. Abucay, K. Sherman, C. Dahlgren and D. Pauly. The marine fisheries resources in The Bahamas: Reconstructed catches 1950-2022 and status of traditionally and recreationally important species. [to be submitted]
- Akwetey, M.A., E. Lamptey, S. Abrokwah, D.W. Aheto, P. K Mensah, I. Okyere, S.L. Akintola and D. Pauly. Chronicle of a death foretold: the ecological collapse of Sakumo Lagoon, Ghana. *Environmens* [submitted]
- Rossi, A.L., F. Teletchea, M.L.D. Palomas and D. Pauly. Fishing Reliance in a Small Archipelago: Reconstructing the Catches of Saint Pierre and Miquelon from 1950 to 2022. *Cybium* [submitted]

2026 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. and J. Müller. *Breathing Water in a Warming World: Principles and Applications of the Gill-Oxygen Limitation Theory*. Sidestone Press, Leiden, The Netherlands [to appear in Spring 2026]

2026 – OTHER ITEMS

- Jacquet, J. and D. Pauly. 2026. Water breathing is a blind spot in animal welfare. *Issues in Science and Technology*, 42 (2 - Winter): 21–23. <https://doi.org/10.58875/UPRO3754>

2025 - ITEMS IN PEER-REVIEWED JOURNALS

- Willington, S., Nils Krueck, R. Trebilco, D. Pauly and A. Audzijonyte. 2025. Increasing mean fish length under warming can be reconciled with the temperature-size rule when mortality-to-growth ratios decline. *Marine Ecology Progress Series*, doi:10.3354/meps15085
- Jarrett, M.L. A. Avedo, J. Newland, D. Pauly and M.J. Butler. 2025. Balancing body size and respiratory surface: a morphometric analysis of the Caribbean king crab (*Maquimithrax spinosissimus*) and Caribbean spiny lobster (*Panulirus argus*). *Journal of Morphology*, 286(10): e70098
- Worm, B., E. Clausius, K. Grorud-Colvert, J. E. Palardy, D. Pauly, E. K. Pikitch, C.M. Roberts, G.E. Roberts, R.H. Richmond, L. Schiller, R.D. Stuart-Smith and U.R. Sumaila. Making global conservation targets effective and accountable. *One Earth* [submitted]
- Audzijonyte, A., K.A. Andersen, D. Atkinson, J. Bigman, J.L. Blanchard, A.R. Coghlan, M. Lindmark, J.R. Morrongiello and D. Pauly. 2025. Which body size metric should be used for assessing temperature impacts on fish growth and size? *Global Change Biology*, 31:e70296; <https://doi.org/10.1111/gcb.90296>
- Roberts, C.M., E. Dyer, S.A. Earle, A. Forrest, J.P. Hawkins, O. Hoegh-Guldberg, J J. Meeuwig, D. Pauly, S.L. Pimm, J. Rockström, U.R. Sumaila and M. Lynas. 2025. Why we should protect the high seas from all extraction, forever. *Nature* <https://www.nature.com/articles/d41586-025-01665-0>
- Pauly, D. and J. Müller. 2025. Fick's diffusion laws and scaling of the gill surface area and oxygen uptake in fish. *Fishes* 10, 233, <https://doi.org/10.3390/Fishes10050233>
- Chen, Z. C. Liang, W. Xian and D. Pauly. 2025. Drivers of spatiotemporal community variations in estuarine ecosystems: A Case Study of the waters adjacent to the Yangtze Estuary. *Marine Pollution Bulletin* 217, 118078
- Akwetey, M.F.A., C.A. Faseyi, S. Abrokwah, G. Gator, P.K. Mensah, G. Wiredu, T. Oteng-Krah, E.A. Krampah and D. Pauly. 2025. Juveniles bycatch from beach seine fishing along the coast of Ghana: any implications for fisheries? *Marine Ecology* <https://doi.org/10.1111/maec.70014>
- Shea, L.A., C.C. Wabnitz, W.W.L. Cheung, D. Pauly and U.R. Sumaila. 2025. Spatial Distribution of Fishmeal and Fish Oil Factories Around the Globe. *Science Advances* 11, eadr6921
- González Ortiz, A.A., T.E. Walsworth, E. Hammill, M.L.D. Palomares, D. Pauly and T. Atwood. 2025. Fisheries disrupt marine nutrient cycles through biomass extraction. *Nature Communications – Earth and Environment*. <https://doi.org/10.1038/s43247-025-02218-z>
- Ivantsov, A., M. Zakrevskaya, A.H. Knoll, M.A. Fedonkin and D. Pauly. 2025. The growth of the enigmatic Ediacaran

Parvancorina minchami. *Paleontology* 1-8, <https://doi.org/10.1017/pab.2024.55>

Cheung, W.W. L., D. Pauly and U.R. Sumaila. 2025 Hope or Despair Revisited: Assessing Progress and New Challenges in Global Fisheries. *Fish and Fisheries*, FaF-24-Oct-OA-400.

2025 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

Gleason, J., N. Bailly and D. Pauly. 2025. Eponyms as and of fish names. *In*: R. Froese and D. Pauly (eds). *Concepts, Design and Data Sources*. Los Baños, Philippines. https://www.fishbase.se/manual/English/PDF/FB_Book_Eponyms.pdf

Pauly, D. and N. Bailly. 2025. The MATURITY and GILL Table: The relationship between the first maturity and respiration of fishes, *In*: R. Froese and D. Pauly (eds). *Concepts, Design and Data Sources*. Los Baños, Philippines. <https://www.fishbase.ca/manual/English/contents.htm>

Pauly, D. 2025. The human conquest of the Earth and the Oceans, Chapter 2, p. 15-22 *In*: J. Alger and U.R. Sumaila (eds). *A Research Agenda for Sustainable Ocean Governance*. Edward Edgar Publishing, Cheltenham, U.K.

2025 – OTHER ITEMS

Pauly, D., C. Nauen, F. Le Manach, M.L.D. Palomares, U.R. Sumaila and I. Lopez-Ahedo. 2025. From Science to Conscience: The Plunder of Senegal's Fisheries Resources, or Europe's Role in the Making of a Migration Crisis. *In*: Proceedings of the Paris Institute for Advanced Study, Vol. 21, <https://doi.org/10.5281/zenodo.15833918>.

Pauly, D. 2025. The most ancient growth curve. *Ocean Past News*. October 2025: 4-5.

Pauly, D. 2025. Recommended read: Sharks don't Sink: Adventures of a Rogue Shark Scientist, p. 4-5 *In*: What to read during Black History Month and beyond. The University of British Columbia Magazine – Alumni UBC.

Pauly, D. 2025. Quel avenir pour la pêche au sein d'une économie bleue mondialisée ? Préface, *In* : Hervé Tardy « *Playdoyer pour les petites pêcheries* ». Albin Michel, Paris.

Blasiak, R., I. Ekeland, A. Merrie, D. Pauly and R. Sumaila. 2025. An introduction to the ocean. University Course, available under the Creative Commons CC-BY-SA 4.0 license; 25 p.

Parducho, V. M.L.D. Palomares, K. Sherman, C. Dahlgren and D. Pauly. 2025. Stock Status of Traditional and Recreational Fishery Species in The Bahamas. Association of Marine Laboratories of the Caribbean, San Juan, Puerto Rico, June 2-6, 2025.

Pauly, D. 2005. Keynote - The Gill-Oxygen Limitation Theory (GOLT): principle and recent developments, p. 17 *In*: M. Smollny, A.L. Mackintosh, E. Apazoglou, M.J. Costello and A.M. Addamo (eds). The book of Abstracts - 58th European Marine Biology Symposium (EMBS), Bodø, Norway. EuroMarine, Paris.

Teletchea, F. and D. Pauly. 2025 Le congrès franco-canadien des sciences aquatiques à Saint-Pierre et Miquelon, une réussite ? Rencontres Ichthyologiques de France. [incomplete]

Sorensen, P.W., V. Lee, D. Pauly and M.L.D Palomares. 2025. A preliminary analysis of Minnesota's rough fisheries demonstrates large shifts in catch across time. AFS Abstack. [where, when]

McLaverly, C., C. Roberts, M.L.D. Palomares, D. Pauly and R. Thurstan. A global history of trawling and disturbance to shelf systems (Abstract). One Ocean Science Congress in Nice, June 2025.

2024-ITEMS IN PEER-REVIEWED JOURNALS

Chen, Z., D. Pauly, T.M. M. Clarke, C. Liang, W. Xian and W.W.L. Cheung. 2024. The spatiotemporal changes in fish and invertebrate community structure and habitat viability in the Yangtze Estuary. *Ecological Indicators* 169, <https://doi.org/10.1016/j.ecolind.2024.112872>

Müller, J and D. Pauly. 2024. Fishes in Warming Waters, the Gill-Oxygen Limitation Theory and the Debate around Mechanistic Growth Models. *Fishes* 9, 430. <https://doi.org/10.3390/fishes9110430>, 17 p.

Majluf, P., K. Matthews, D. J. Skerritt, D. Pauly and M.L.D. Palomares. 2024. A review of the global use of fishmeal and the Fish In:Fish Out metric. *Science Advances* 10, eadn 5650.

Roberts, C., C. Béné, N. Bennett, J. Boon, W.W.L. Cheung, P. Cury, O. Defeo, G. De Jong Cleyndert, R. Froese, D. Gascuel, C. Golden, J. Hawkins, A. J. Hobday, J. Jacquet, P. Kemp, M. Lam, F. Le Manach, J.J. Meeuwig, F. Micheli, T. Morato, C. Norris, C. Nouvian, D. Pauly, E. Pikitch, F. Piña Amargos, A. Saenz-Arroyo, L. Schiller, U.R. Sumaila, L. Teh, L. Watling and B. O'Leary. 2024. Rethinking sustainability of marine fisheries for a fast-changing planet, *Ocean Sustainability*, 3(1), 41

Pauly, D. and J. Müller. 2024. Testing mechanistic theories must be based on correct interpretations: A response to Lonthair et al. (2024). *Journal of Experimental Biology*, 227(16), p.jeb247841. doi:10.1242/jeb.247841

Froese, R. and D. Pauly. 2024. Taking stock of global fisheries: Current stock assessment models overestimate productivity and recovery trajectory. *Science* 385: 824-825.

Ulman, A., C.A. Gordon, A.R Hood, M. Warren and D. Pauly. 2024. Identifying potential Critical Angel Shark Areas in Türkiye, Eastern Mediterranean based on new records of *Squatina* spp. identified through fisher engagement. *Fishes* 9, 270. <https://doi.org/10.3390/fishes9070270>

Jacquet, J, B. Franks, P. Godfrey-Smith, W. Sanchez-Suarez and 96 additional authors, incl. D. Pauly. 2024. Support for the US OCTOPUS Act. *Science*, 10.1126/science.adq1980).

- Teletchea, F. and D. Pauly. 2024. Why do fish larvae hatch when they do? *Environmental Biology of Fishes* <https://doi.org/10.1007/s10641-024-01553-y>
- McClenachan, L., T. Rick, R.H. Thurstan, A. Trant, P.S. Alagona, H.K. Alleway, C. Armstrong, R.B. Bird, N.T. Rubio-Cisneros, M. Clavero, A.C. Colonese, K. Cramer, A. O. Davis, J. Drew, M.M. Early-Capistrán, G. Gil-Romera, M. Grace, M.B.A. Hatch, E. Higgs, K. Hoffman, J.B.C. Jackson, A. Jerardino, M. J. LeFebvre, H.K. Lotze, Ryan S. Mohammed, N. Morueta-Holme, C. Munteanu, A Mychajliw, B. Newsom, A. O’Dea, D. Pauly, P. Szabó, J. Torres, J. Waldman, C. West, L. Xu, H. Yasuoka, P.S.E. zu Ermgassen and K.S. Van Houtan. 2024. Global research priorities for historical ecology to inform conservation. *Endangered Species Research* 54: 285-310, <https://doi.org/10.3354/esr01338>
- Phayal, A. A. Gold, C. Maharani, M.L.D. Palomares, D. Pauly, B. Prins, S. Riyadi. All Maritime Crimes are Local: Understanding the Causal Link Between Illegal Fishing and Maritime Piracy. *Political Geography* 109, 102069.
- Warren, M. and D. Pauly. 2024. The likely role of urea in delaying the size at first maturity of ureosmotic Chondrichthyes. *Environmental Biology of Fishes*, 107: 523–536.
- Chu, E. and D. Pauly. 2024. The relationship between mean length at maturity and maximum length in coral reef fishes. *Fishes*, 9(4), 130; <https://doi.org/10.3390/fishes9040130>
- Pauly, D, E. Chu and J. Müller. 2024. Brobdingnagians and Goliaths: two forms of gigantism in fish. *Journal of Fish Biology*, doi: 10.1111/jfb.15694
- Alajmi A, A. Ben-Hasan, T. Alrushaid, A. Vahabnezhad and D. Pauly. 2023. Mean temperature of the catch index can be masked by changes in catch composition unrelated to ocean warming. *Fisheries Management and Ecology* p. 1–6, <https://doi.org/10.1111/fme.12659>
- Sumaila, U.R., L. Alam, P.R. Abdallah, D. Aheto, S.L. Akintola, J. Alger, V. Andreoli, M. Bailey, C. Barnes, A. Ben-Hasan, C.M. Brooks, A.R. Carvalho, W.W.L. Cheung, A.M. Cisneros-Montemayor, J. Dempsey, S.A. Halim, N. Hilmi, M.O. Ilori, J. Jaquet, S.T. Karuaihe, P. Le Billon, J. Leape, T.G. Martin, J.J. Meeuwig, F. Micheli, M. Mokhtar, R.L. Naylor, D. Obura, M.L.D. Palomares, L.M. Pereira, A.A. Rogers, A.M.M. Sequeira, T.O. Sogbanmu, S. Villasante, D. Zeller and D. Pauly. 2024. WTO must complete an ambitious fisheries subsidies agreement. *Ocean Sustainability*, <https://doi.org/10.1038/s44183-024-00042-0>
- Wu, Y., S. Pates, D. Pauly, X. Zhang and D. Fu. 2024. Rapid growth in a large Cambrian apex predator. *National Science Review* 11: nwad284, <https://doi.org/10.1093/nsr/nwad284>

2024 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. 2024. ‘Ask Dr. Pauly’ – Answers for Ocean Conservation. Collected columns (2012-2024), as appeared in *Oceana Magazine*. Washington, D.C., 65 p.
- Pauly, D and V. Ruiz-Leotaud (Editors). 2024. *Marine and Freshwater Miscellanea V*. Fisheries Centre Research Reports 32(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver, 126 p.
- Pauly, D., J. Stuart Smith, A. Trotter, V. Delpero, E. Chu and T. Bessell. 2024. Growth and related traits of the red handfish (*Thymichthys politus*), p. 7 – 10 In: D. Pauly and V. Ruiz-Leotaud (eds). *Marine and Freshwater Miscellanea V*. Fisheries Centre Research Reports 32(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Chu, E. and D. Pauly. 2024. A revision of ‘Key information on 25 species of sturgeon; Family Acipenseridae’, p. 11-22 In: D. Pauly and V. Ruiz-Leotaud (eds). *Marine and Freshwater Miscellanea V*. Fisheries Centre Research Reports 32(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Pauly, D. and GP.D. Ward. 2024. Major biological traits of *Nautilus* spp. with emphasis on *N. belauensis*, *N. macromphalus* and *N. pompilius*, p. 63 - 73 In: D. Pauly and V. Ruiz-Leotaud (eds). *Marine and Freshwater Miscellanea V*. Fisheries Centre Research Reports 32(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Pauly, D., P. Sakyi-Djan, E. Chu and M.F. Akwetey. 2024. Patterns of Growth, Respiration and Reproduction in Species of the Genus *Sepia*, p. 74 – 80 In: D. Pauly and V. Ruiz-Leotaud (eds). *Marine and Freshwater Miscellanea V*. Fisheries Centre Research Reports 32(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Pauly, D. 2024. ‘Fishing down marine food webs’ was not refuted. p. 94 - 126 In: D. Pauly D and V. Ruiz-Leotaud (eds). *Marine and Freshwater Miscellanea V*. Fisheries Centre Research Reports 32(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Palomares, M.L.D. and D. Pauly (Editors). The exploited marine biodiversity of The Bahamas. Quantitative Aquatics Project Reports Series 7, 36 p.
- Palomares, M.L.D. and D. Pauly (Editors). 2024. Reconstruction of Freshwater Fisheries Catches: Canada, Minnesota (USA), and ASEAN Countries, Fisheries Centre Research Report 32(3), Institute for the Oceans and Fisheries, University of British Columbia, Vancouver, Canada 253 p.
- Palomares M.L.D., P.G.I. Tipay and D. Pauly. 2024. The freshwater artisanal fisheries of Canada, p. 8-28 In: M.L.D. Palomares and D. Pauly (eds) Reconstruction of Freshwater Fisheries Catches: Canada, Minnesota (USA), and ASEAN Countries, Fisheries Centre Research Report 32(3). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver, Canada.
- Shang M, D. Pauly and M.L.D. Palomares. 2024. The indigenous freshwater fisheries of Canada, p. 29-43 In: M.L.D. Palomares and D. Pauly (eds) Reconstruction of Freshwater Fisheries Catches: Canada, Minnesota (USA), and ASEAN Countries, p. 29-45 Fisheries Centre Research Report 32(3). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver, Canada.
- Tipay, P.G.I., D. Pauly and M.L.D. Palomares. 2024. The recreational freshwater fisheries of Canada, p. 44-67 In: Palomares MLD and Pauly D (eds) Reconstruction of Freshwater Fisheries Catches: Canada, Minnesota (USA), and ASEAN Countries, Fisheries Centre Research

- Report 32(3). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver, Canada.
- Lee, V., M.L.D. Palomares, P. Sorensen and D. Pauly. 2024. The freshwater fisheries catches of Minnesota (USA), p. 68-81 *In*: M.L.D. Palomares and D. Pauly (eds). Reconstruction of the Freshwater Fisheries Catches: Canada, Minnesota (USA) and ASEAN countries, Fisheries Centre Research Reports 32(3). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Smith, M., P. Sorensen, M.L.D. Palomares and D. Pauly. 2024. A re-evaluation of the inland fisheries catches in the 10 countries of the Association of Southeast Asian Nations, 1950-2021, p. 82-106 *In*: M.L.D. Palomares and D. Pauly (eds). Reconstruction of the Freshwater Fisheries Catches: Canada, Minnesota (USA) and ASEAN countries, Fisheries Centre Research Reports 31(3). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Pauly, D. 2024. Gill size and temperature as governing factors in fish growth: a generalization of von Bertalanffy's growth formula (2nd edition). Fisheries Centre Research Reports 32(2). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver, 104 p.
- Sorongon-Yap, P.M., L. Abucay, E. Capuli, E. Bato-David, V. A. Parducho, J.G. Jansalin, J. Mendoza, D. Pauly and M.L.D. Palomares. 2024. The marine biodiversity of the Sultanate of Oman through FishBase and SeaLifeBase including the Musandam Governate, p. 2-8 *In*: *Marine biodiversity and reconstructed marine fisheries catches of the Sultanate of Oman*. Quantitative Aquatics Project Report Series No. 6. Quantitative Aquatics, Los Baños, Laguna,
- Jansalin, J.G., E. Chu, V. A. Parducho, D. Pauly and M.L.D. Palomares. 2024. Reconstruction of the Marine Fisheries Catches in the EEZs of the Sultanate Of Oman including the Musandam Governate, p. 9-15 *In*: *Marine biodiversity and reconstructed marine fisheries catches of the Sultanate of Oman*. Quantitative Aquatics Project Report Series No. 6. Quantitative Aquatics, Los Baños, Laguna,

2024 – OTHER ITEMS

- Teletchea, F. and D. Pauly (Editors). 2024. Livres de résumés de la « Quatrième édition du Congrès Franco-Canadien sur les Sciences Aquatiques à Saint-Pierre et Miquelon ». Book of abstracts of “Fourth edition of the Franco-Canadian Congress on Aquatic Sciences in Saint Pierre and Miquelon,” 86 p. [Includes « Un modèle Ecopath pour SPM: le pourquoi et comment de la modélisation des écosystèmes marins » by D. Pauly, F. Teletchea and A-L. Rossi and « Les pêches marines de l’outre-mer français » by D. Pauly, both on p. 38]
- Butler, M., M. Jarrett and D. Pauly. 2024. The bottom line on GOLT: oxygen availability and its consequences for water-breating ectotherms, p. 3 *In*: A.C Tsirlikas, A. Manousi and D. Dimarchopoulou (eds). *Fishes in Changing Ecosystems*. 22nd Annual FishBase Symposium, 2-3 September 2024, Thessaloniki.
- Pauly, D. and J. Müller. 2024. Breathing water in a warming world, p. 5 *In*: A.C Tsirlikas, A. Manousi and D. Dimarchopoulou (eds). *Fishes in Changing Ecosystems*. 22nd Annual FishBase Symposium, 2-3 September 2024, Thessaloniki.
- Akwetey, M.F.A, C. Faseyi, K. Mensah, G. Gator, S. Abrokah, T. Oteng-Krah, E.A. Krampah and D. Pauly. 2024. Juvenile bycatch from seine fishing along the coast of Ghana: any implications for fisheries? p. 7 *In*: A.C Tsirlikas, A. Manousi and D. Dimarchopoulou (eds). *Fishes in Changing Ecosystems*. 22nd Annual FishBase Symposium, 2-3 September 2024, Thessaloniki.
- Palomares, V. Parducho and D. Pauly. 2024. Estimating mortality from length-frequency data: an application to visual census data in Belize and The Bahamas p. 45 *In*: A.C Tsirlikas, A. Manousi and D. Dimarchopoulou (eds). *Fishes in Changing Ecosystems*. 22nd Annual FishBase Symposium, 2-3 September 2024, Thessaloniki.
- Palomares, P. Tipay. M. Shang and D. Pauly. 2024. Reconstructing capture fisheries: an application to the freshwater fisheries of Canada, p. 47 *In*: A.C Tsirlikas, A. Manousi and D. Dimarchopoulou (eds). *Fishes in Changing Ecosystems*. 22nd Annual FishBase Symposium, 2-3 September 2024, Thessaloniki.
- Pauly, D. 2024. FishBase and the handfish tale, p. 51 *In*: A.C Tsirlikas, A. Manousi and D. Dimarchopoulou (eds). *Fishes in Changing Ecosystems*. 22nd Annual FishBase Symposium, 2-3 September 2024, Thessaloniki.
- Teletchea, F. and Pauly, D. 2024. Following on ‘Why do larvae hatch when they do? p. 61 *In*: A.C Tsirlikas, A. Manousi and D. Dimarchopoulou (ed.). *Fishes in Changing Ecosystems*. 22nd Annual FishBase Symposium, 2-3 September 2024, Thessaloniki.
- Pauly, D. 2024. Foreword, p. viii – ix *In*: D. Gascuel’s *Revolutions in the Seas*. Academic Press, London and San Diego.
- Pauly, D. Préface : Peindre des poissons, p. 6-8 *In*: T. Changeux, D. Faget et A.-S. Tribot (eds). *Merveilles aquatiques : l’art de représenter le vivant*. MKF, www.editionmkf.com.
- Pauly, D. 2024. On More Than Fish Eponyms. Book Review: Beolens et al. Eponym Dictionary of Fishes. *Fishes*, 9, 111; <https://doi.org/10.3390/fishes9040111/>
- Pauly, D. 2024. The Tyler Prize and the ‘Knowledge Infrastructure.’ *Fisheries*, p. 1-3; doi: 10.1002/fsh.11075
- Pauly, D. 2024. Are Science and Advocacy compatible? *Oceana Magazine*. Spring 2024, 26-27.
- Pauly, D. 2024. Marine Sanctuaries Essential to Combat Overfishing. Op-Ed; *Vancouver Sun*, January 24.

2023-ITEMS IN PEER-REVIEWED JOURNALS

- Jiang, C., D. Pauly; W. Wang; J. Du; J. Chen and M. Wang. 2023. A preliminary model of the mangrove ecosystem of Dongzhaigang Bay, Hainan, (China) based on Ecopath and Ecospace. Volume 10 – 2023m <https://doi.org/10.3389/fmars.2023.1277226>
- Pauly, D., R. Froese, C. Liang, J. Müller and P. Sorensen. 2023. Post-spawning growth acceleration in fish as a result of reduced live weight and thus, increased food conversion efficiency. *Environmental Biology of Fishes*, 106(11): 2031-2043 <https://doi.org/10.1007/s10641-023-01482-2>
- Heidrich, K.N., J.J. Meeuwig, M.J. Juan-Jordá, M.L.D. Palomares, D. Pauly, C.D.H. Thompson, A.M. Friedlander, E. Sala and D.

- Zeller. 2023. Multiple lines of evidence highlight the dire straits of yellowfin tuna in the Indian Ocean. *Ocean and Coastal Management* 246, <https://doi.org/10.1016/j.ocecoaman.2023.106902>
- Alajmi, A., A. Ben Hasan, T. Alrushaid, A. Vahabnezhad and D. Pauly. 2023. Mean temperature of the catch index can be masked by changes in catch composition unrelated to ocean warming. *Fisheries Management and Ecology*, <https://doi.org/10.1111/fme.12659>
- Froese, R., H. Winker, G. Coro, M.L.D. Palomares, A.C. Tsikliras, D. Dimarchopoulou, K. Touloumis, N. Demirel, G.M.S. Vianna, G. Scarcella, R. Schijns, C. Liang and D. Pauly. 2023. New developments in the analysis of catch time series as the basis for fish stock assessments: the CMSY++ method. *Acta Ictiologia et Piscatoria* 53: 173–189. <https://doi.org/10.3897/aiep.@.105910>
- Davis, A. and D. Pauly. 2023. Kenneth Richard Ruddle (1942 – 2023). *Maritime Studies (MAST)*. <https://link.springer.com/article/10.1007/s40152-023-00334-0>
- Khalfallah, M., H.H. Mahmoud, R.M. Fahim and D. Pauly. 2023. Once upon a century, the Mediterranean Egyptian fisheries (1920-2017), as affected by ‘fishing down’ and climate change. *Ocean and Coastal Management* 245 <https://doi.org/10.1016/j.ocecoaman.2023.106831>
- Lavin, C.P. D. Pauly, D. Dimarchopoulou, C. Liang, M.J. Costello. 2023. Fishery catch is affected by geographic expansion, fishing down food webs and climate change in Aotearoa, New Zealand. *PeerJ*, <https://doi.org/10.7717/peerj.16070> .
- Froese, R. G. Coro, M.L.D. Palomares, N. Bailly, M. Scotti, C. Garilao and D. Pauly. 2023. A simple framework for the exploration of functional Biodiversity. *Cybium* 47(3): 271-286, <https://doi.org/10.26028/cybium/2023-003>
- Humphries, A.T., D. Dimarchopoulou, K.I. Stergiou, A.C. Tsikliras, M.L.D. Palomares, N. Bailly, C.E. Nauen, S. Luna, L.P. Banasihan, R. Froese and D. Pauly. Measuring the scientific impact of FishBase after three decades. *Cybium* , 47(3): 213-224. <https://doi.org/10.26028/cybium/2023-002>
- Keskin, Ç. and D. Pauly. 2023. Testing predictions of length at first maturity of teleostean fishes, given their maximum length. *Cybium* 47(3): 249-257, <https://doi.org/10.26028/cybium/2023-001>
- Müller, J. , N. Houben and D. Pauly. 2023. On being the wrong size: what is the role of body size in fish kills and hypoxia exposure? *Environmental Biology of Fishes* <https://doi.org/10.1007/s10641-023-01442-w>
- Derrick, B., K. Burns, A. Zhu, V. Andreoli, D. Zeller and D. Pauly. 2023. Small-scale fisheries catch and fishing effort in the Socotra Archipelago (Yemen) between 1950 and 2019. *Frontiers in Marine Sciences* 10, <https://doi.org/10.3389/fmars.2023.1201661>
- Pauly, D. and M.E. Lam. 2023. Too hot or too cold: the biochemical basis of temperature-size rules for fish and other ectotherms. *Environmental Biology of Fishes*, <https://10.1007/s10641-023-01429-7>
- Froese, R. and D. Pauly. 2023. Comment on White et al. “Metabolic scaling is the product of life-history optimization.” *Science* 380, eade6080, April 28.
- Relano, V. and D. Pauly. 2023. The ‘Paper Park Index’: Evaluating Marine Protected Area effectiveness through a global study of stakeholder perceptions *Marine Policy* 151, <https://doi.org/j.marpol.2023.105571>
- Ulman, A., H.D. Akbora, O. Çanak, E. Chu, B.A. Çiçek, H. Ersönmez, S. Mavruk, C.E. Özyurt, T. Yildiz, A. Liu, N. Demirel and D. Pauly. 2023. A biological and ecological study of the invasive pufferfish *Torquigener hypsolegeneion* (Bleeker 1852) [conspecific *Torquigener flavimaculosus* Hardy & Randall, 1983] in the Eastern Mediterranean. *Aquatic Invasions*, 18(1): 59-81., <https://doi.org/10.3391/ai.2023.18.1.103438>
- Liang, C., D. Pauly, C. Christensen, W Xian and C. Walters. 2013. Recruitment-driven fish production in two regions where fish biomass has drastically declined. *ICES J. mar. Sci.* doi 10.1093/icesjms/fsad029
- Zeller, D., M.L.D. Palomares and D. Pauly. 2023. Global fisheries science documents human impacts on oceans: The Sea Around Us serves civil society in the twenty-first century. *Annual Review of Marine Science* 15:2.1-2.19; <https://doi.org/10.1146/annurev-marine-030322-113814>

2023 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. 2023. Le mythe d’un océan inépuisable, p. 98-109 *In*: H. Reeves and I. Cadrin-Rossignol (eds). L’océan vu du cœur. Edition du Seuil, Paris.
- Pauly, D. 2023. Punta San Juan as a time machine / Punta San Juan como máquina del tiempo, 5 text pages *In*: B. Sambra. Punta San Juan – Una historia de conservación/a conservation history. Unpaginated photographic essays; see www.bernardosambra.com
- Pauly, D., M.L.D Palomare, and A. Tewfik. 2023. The Fisheries of Belize: Overview of Results, *In*: Belize Fisheries Project. Summary Report on Stakeholder Workshops and Meetings Held in Belize June 12 – June 16, 2023. Summit Foundation.

2023 – OTHER ITEMS

- Pauly, D. 2023. What are marine heat waves? *Oceana Magazine*, Winter 2023, p. 22-23.
- Pauly, D. 2023. Foreword, p. 1 *In*: J. Du, J.L.-S. Ooi, W. Hu and B. Chen (Chief Editors) *Flora and Fauna of Seagrass Beds in and around the South China Sea*. Science Press, Beijing.
- Pauly, D. 2023. How does deep-sea mining affect marine life? *Oceana Magazine*, Fall 2023, p. 22-23.
- Pauly, D. 2023. Application of the Gill-Oxygen Limitation Theory to the Elasmobranchs: surprising and beautiful results, p. 29 in 21st FishBase/SeaLifeBase Symposium, 4th September 2023, Royal Museum for Central Africa, Tervuren Belgium.
- Lavin, C.P., D. D. Dimarchopoulou, C. Gordó-Vilaseca, M.L.d. Palomares, D. Pauly and M. J. Costello. 2023. Mean temperature of the

- fishery catch does not correlate well with contemporaneous research trawl data in the Barents Sea, p. XX-XX In: C.P. Lavin. PhD thesis, Nord University, @@, Norway.
- Prins, B., A. Phayal, A. Gold, C. Maharani, M.L.D. Palomares, D. Pauly and S.F. Riyadi. 2023. Tackling maritime security requires a revised Indo-Pacific strategy. War on the Rocks. <https://warontherocks.com/2023/06/tackling-maritime-security-requires-a-revised-indo-pacific-strategy/>
- Pauly, D. 2023. On the direction of the causal arrow linking growth and reproduction in fishes, p. 22 In: Program and Abstracts, 12th International Symposium on Reproductive Physiology of Fish. Aldermar Knossos Royal Hotel, Crete, Greece.
- Pauly, D. and R. Sumaila. 2023. Steward of the Sea. *Oceana Magazine*, Spring 2023, p. 18-19.
- Pauly, D. 2023. A fisheries scientist in Penang, Malaysia. <https://www.seaaroundus.org/fisheries-scientist-penang-malaysia/>
- Butler, M. and D. Pauly. 2023. The Gill-Oxygen Limitation Theory (GOLT): A unifying theory for the growth, reproduction, and behavior of water breathing animals? Benthic Ecology Meeting, Miami, April 2023 [Abstract].
- Teletchea, F. and D. Pauly. 2023. Why do fish larvae hatch when they do. Abstract, 46th Larval Fish Conference, Lisbon [Abstract].

2022-ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. U.S. Amarasinghe, E. Chu, K.M.F. Freire, E. Vasquez and M.J. Butler. 2022. The growth, respiration, and reproduction of crustaceans: a synthesis through the Gill- Oxygen Limitation Theory (GOLT). *Journal of Crustacean Biology* 42:1-13 <https://doi.org/10.1093/jcabi/ruac059> [with erratum]
- Telechea, F. and D. Pauly. 2022. Foreword to the Special Issue of *Cybium* on St Pierre and Miquelon. *Cybium* 2022, 46(4): 321. <https://doi.org/10.26028/cybium/2022-464-intro>
- Palomares, M.L.D. and D. Pauly. 2022. The Fisheries of the Sea Around St. Pierre and Miquelon: from cod to sea cucumber. *Cybium* 6(4): 337-347. <https://doi.org/10.26028/cybium/2022-464-002>
- Pauly, D. and D. Dimarchopoulou. 2022. Fishes in a Warming and Deoxygenating World – Introduction to a Special Issue. *Environmental Biology of Fishes*, <https://doi.org/10.1007/s10641-022-01357-y>
- Jacquet, J. and D. Pauly. 2022. Reimagining sustainable fisheries? *PLoS Biology* 20(10): e3001829; <https://doi.org/10.1371/journal.pbio.3001829>
- Sumaila, U. R., A. Pierucci, M. Oyinlola, R. Cannas, R. Froese, S. Glasser, J. Jacquet, B. Kaiser, I. Issifu, F. Micheli, R. Naylor and D. Pauly. Aquaculture Over-Optimism? *Frontiers in Marine Sciences*. 9; <https://doi.org/10.3389/fmars.2022.98435>
- Pauly, D. and C. Liang. 2022. A reconceptualization of the interactions between spawning and growth in bony fish. *Scientia Marina*, 84(4): <https://doi.org/10.3989/scimar.05280.044>
- Cheung, W.W.L., J. Palacios-Abrantes, T.L. Frölicher, M.L.D. Palomares, T. Clarke, V.W.Y. Lam, M.A. Oyinlola, D. Pauly, G. Reygondeau, U.R. Sumaila, L. Teh and C.C. Wabnitz. Biomass rebuilding for the world’s marine ecoregion under climate change. *Global Change Biology* 28; <https://doi.org/10.1111/gcb.16368>
- Jiang, C., W. Wang, S. Yan, Y. Ding, X. Mi, M. Wang and D. Pauly. 2022. Assessment of tropical fish stocks using the LBB method in Dongzhaigang Bay, Hainan Island, China. *Sustainability* 14, 9933, <https://doi.org/10.3390/su14169933>
- Jiang, C., W. Wang, M. Wang and D. Pauly. 2022. Length-weight relationships and other morphological traits of fishes in the mangrove of Hainan, China. *Fishes*, 7, 238 <https://doi.org/10.3396/fishes7050238>
- Relano, V. T. Mak, S. Ortiz and D. Pauly. 2022. Stakeholder perceptions can distinguish ‘Paper Parks’ Marine Protected Areas. *Sustainability*, 14, 9655, <https://doi.org/10.3390/su14159655>
- Morbey, Y.E. and D. Pauly. 2022. Juvenile-to-adult transition invariances in fishes: perspectives on proximate and ultimate causation. *Journal of Fish Biology*; 1-11, <http://doi.org/10.1111/jfb.15146>
- Clarke, T.M., C.C. Wabnitz, T. Frölicher, G. Reygondeau, D. Pauly and W.W.L. Cheung. 2022. Linking observed changes in pelagic catches to temperature and oxygen in the Eastern Tropical Pacific. *Fish and Fisheries*, <https://doi.org/10.1111/faf.12694>
- Pauly, D. and J.D. Holmes. 2022. Re-assessing growth and mortality estimates for the Ordovician trilobite *Triarthrus eatoni*. *Paleobiology*, p. 1–11, <https://doi:10.1017/pab.2022.22>
- Schijns, R., R. Froese and D. Pauly. Reply to Holm et al. “Comment on ‘Five centuries of cod catches in Eastern Canada,’ by Schijns et al.” *ICES Journal of Marine Science*, <https://doi.org/10.1093/icesjms/fsac090>
- Hillis, D., I. McKechnie, R. Gustas, D. Pauly, W.W.L. Cheung and A.K. Salomon. 2022. A Paleothermometer of Ancient Indigenous Fisheries Reveals Increases in Mean Temperature of the Catch Over Five Millennia. *Environmental Biology of Fishes*, <https://doi.org/10.1007/s10641-022-01243-7>
- Relano, V. and D. Pauly. 2022. Philopatry as a tool to define tentative closed migration cycles and conservation areas for large pelagic fishes in the Pacific. *Sustainability* 14, 5577, <https://doi.org/10.3390/su14095577>
- Zhai, L. Z Li, Y. Hu, C. Huang, S. Tian, R. Wan and D. Pauly. Assessment of *Coilia mystus* and *C. nasus* in the Yangtze River Estuary, China, using a length-based approach. *Fishes* 7, 95, <https://doi.org/10.3390/fishes7030095>
- Pauly, D., L. Matsushige, J. Malacane, A. Hay, E. Chu and M. Warren. 2022. Length-weight relationships and growth parameters of common and leafy seadragons (Syngnathidae) from a public aquarium. *Fishes*, 7, x. <https://doi.org/10.3390/fishes7020077>
- Pauly, D., N. Smith and M. Butler. 2022. Growth and related traits of the wool sponge *Hippospongia lachne*: practical and theoretical considerations. *Fisheries Bulletin* 120:99–112, <https://doi.org/10.7755/FB.120.2.1>
- Ulman, A., S. Kalogirou, D. Pauly. 2022. The dynamics of maximum lengths for the invasive silver-cheeked toadfish (*Lagocephalus sceleratus*) in which Eastern Mediterranean. *Journal of Marine Science and Engineering*, 10, 387, <https://doi.org/10.3390/jmse10030387>

- Jorgensen, S., F. Micheli, T.D. White, K. S. Van Houtan, J. Alfaro Shigueto, S. Andrzejczek, N. Arnoldi, J.K Baum, B. Block, G.L. Britten, C. Butner, S. Caballero, D. Cardenosa, T. Chapple, S. Clarke, E. Cortes, N. Dulvy, S. Fowler, A. Gallagher, E.L. Gilman, B. Godley, R.T. Graham, N. Hammerschlag, A.V. Harry, M. Heithaus, M. Hutchinson, C. Huveneers, C.G. Lowe, L.O. Lucifora, T. MacKeracher, J. Mangel, A.P. Barbosa Martins, D.J. McCauley, L. McClenachan, C. Mull, L.J. Natanson, D. Pauly, D.A. Pazmiño, J.C.A. Pistevos, N. Queiroz, G. Roff, B.D. Shea, C. Simpfendorfer, D. Sims, C. Ward-Paige, B. Worm and F. Ferretti. 2022. Emergent research and priorities forelasbranch conservation. *Endangered Species Research*, <https://doi.org/10.3354/esr01169>
- Pauly, D. and C. Liang. 2022. Temperature and the early maturation of fish: a simple sine-wave model for predicting spring spawning. *Environmental Biology of Fishes*, <https://doi.org/10.1007/s10641-022-01212-0> [with 2 pages of online Supplementary Materials]

2022 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D, M. Ansell, E. Chu, W. E. Emam, N. Franceschelli, C. Jiang, K. Krueger, M.L.D. Palomares, V.A. Parducho, N. Peacock, M. Sanz and S. Tong. 2022. *Role and impact of China on world fisheries and aquaculture*. Research for PECH Committee - European Parliament, Policy Department for Structural and Cohesion Policies, Brussels, 153 p. <https://bit.ly/3VT7LrO>
- Pauly, D. and E. Chu (Editors). 2022. *Marine and Freshwater Miscellanea IV*. Fisheries Centre Research Reports 30(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver. 118 p.
- Pauly, D. and J. Müller. 2022. Does the Mekong giant catfish *Pangasianodon gigas* grow as fast as a tuna? p. 5-12. In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea IV*. Fisheries Centre Research Reports. 30(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Pauly, D. and J. Müller. 2022. Georges Cuvier “On the respiration of fishes”, p. 13-15 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea IV*. Fisheries Centre Research Reports. 30(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Grangy, L. and D. Pauly. 2022. A reconstruction of the freshwater catch of fisheries in Quebec (1950 to 2020), p. 16-25 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea IV*. Fisheries Centre Research Reports. 30(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Mathews, C.P., N. Lazar, V. Ndiaye, S. Baxter and D. Pauly. 2022. Comparing assessments of sardinella stocks in Senegal and Northwest Africa, p. 26-42 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea IV*. Fisheries Centre Research Reports. 30(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Liang, C. and D. Pauly. 2022. Reply to the Comment on “Masking and unmasking fishing down effects: The Bohai Sea (China) as a case study”, p. 52-57 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea IV*. Fisheries Centre Research Reports. 30(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Chu, E. and D. Pauly. 2022. Key information on 25 species of sturgeon; Family Acipenseridae, p. 58-68 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea IV*. Fisheries Centre Research Reports. 30(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Pauly, D. and S.W. Pauly. 2022. The Sturgeons (Acipenseridae) in Dean’s “Bibliography of Fishes”, p. 69-84 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea IV*. Fisheries Centre Research Reports. 30(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Martinangeli, L., M. Fourt, M. Butler, A.C. Tsikliras, N. Smith, M.L.D. Palomares, B. Derrick, E. Chu and D. Pauly. 2022. The global catch of commercial sponges (1950 to 2019), p. 85-106 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea IV*. Fisheries Centre Research Reports. 30(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Pauly, D. 2022. On meeting the Dalai Lama, p. 107-110 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea IV*. Fisheries Centre Research Reports. 30(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Pauly, D. 2022. Accepting a BBVA Frontiers of Knowledge Award, p. 111-113 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea IV*. Fisheries Centre Research Reports. 30(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Pauly, D. 2022. On receiving the Beverton Medal of the Fisheries Society of the British Isles, p. 114-118 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea IV*. Fisheries Centre Research Reports. 30(4). Institute for the Oceans and Fisheries, University of British Columbia, Vancouver.
- Teletchea, F. and D. Pauly (Editors). 2022. Special Issue on St Pierre and Miquelon. *Cybium* 46(4): p. 321- 438 ; <https://sfi-cybium.fr/cybium/2022/46/4>
- Nesslage, N. and D. Pauly. Estuarine fisheries and aquaculture. 2022. Chapter 17, p. 414-438 In: B.C. Crump, J.M. Testa and K.H. Dunton (eds). *Introduction to Estuarine Ecology*. Third Edition. Wiley.
- Pauly, D., C. Liang and W. Xian (Editors). 2022. Status of Fisheries in East Asia [东亚地区渔业状况] Frontiers Media, Lausanne. [e-book]

2022 – OTHER ITEMS

- Pauly, D, M. Ansell, E. Chu, W. E. Emam, N. Franceschelli, C. Jiang, K. Krueger, M.L.D. Palomares, V.A. Parducho, N. Peacock, M. Sanz and S. Tong. 2022. *At a Glance: Role and impact of China on world fisheries and aquaculture*. Research for PECH Committee - European Parliament, Policy Department for Structural and Cohesion Policies, Brussels, 2 p. [https://www.europarl.europa.eu/RegData/etudes/ATAG/2022/733102/IPOL_ATA\(2022\)733102_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/ATAG/2022/733102/IPOL_ATA(2022)733102_EN.pdf)
- Pauly, D. 2022. Why are we giving subsidies to the fishing industry? *Oceana Magazine*, Winter 2022, p. 26-27.
- Pauly, D. and E. Chu. 2022. Toilets 101. <https://watersciencepolicy.com/article/toilets--69397601b82b?language=English>

- Lavin, C.P., M.J. Costello, C. Gordó-Vilaseca, Z. Shi, F. Stephenson, A. Grüss, D. Pauly, C. Liang and D. Dimarchopoulou. Changes in body size, geographical distribution and abundance of fishes in two distinct marine regions: Norway and New Zealand. 2022. Abstract for presentation at a conference on “Effects of Climate Change on the World’s Ocean” to be held in April 2023 in Bergen, Norway.,
- Pauly, D. 2022. Trilobites’ growth may have resembled that of modern marine crustaceans. *Ocean Past News* July-August (25): 3-4.
- Pauly, D. 2022. What makes plastics so harmful? *Oceana Magazine*, Summer 2022, p. 22-23.
- Pauly, D. 2022. How is global warming affecting fisheries? *Oceana Magazine*, Spring 2022, p. 28-29.
- Pauly, D., W. Cheung, M. Auger-Méthé, V. Christensen, S. Donner, C. Harley, B. Hunt, D. Newell, E. Pakhomov, T. Pitcher, A. Reid, D. Rosen, R. Sumaila, A. Trites, A. Vincent and C. Walters. 2022. *In Memoriam: Jeffrey Hutchings*. <https://oceans.ubc.ca/2022/02/17/in-memoriam-jeffrey-hutchings/>

2021-ITEMS IN PEER-REVIEWED JOURNALS

- Chen, Z., J. Bigman, W. Xian, C. Liang, E. Chu and D. Pauly. 2021. The ratio of length at first maturity to maximum length in marine and freshwater fish. *Journal of Fish Biology*, doi: 10.1111/jfb.i4970
- Pauly, D., C. Liang and W. Xian. 2021. Editorial: Status of Fisheries in East Asia. *Frontiers in Marine Science*, doi: 10.3389/fmars.2021.787217
- Pauly, D. C. Liang, W. Xian, E. Chu and N. Bailly. 2021. The sizes, growth and reproduction of arrow worms (Chaetognatha) in light of the Gill-Oxygen Limitation Theory (GOLT). *Journal of Marine Science and Engineering*. 9, doi.org/10.3390/jmse9121397
- Sumaila, U.R., D. Skerritt, A. Schuhbauer, S. Villasante, A.M. Cisneros-Montemayor, H. Sinan, D. Burnside and 289 additional authors including D. Pauly. 2021. WTO must ban harmful fisheries subsidies. *Science*, doi: 10.1126/science.abm1680
- Pauly, D. C. Piroddi, L. Hood, N. Bailly, El. Chu, V. Lam, E. Pakhomov, L.K. Pshenichnov, V.I. Radchenko and M.L.D. Palomares. 2021. The biology of mesopelagic fishes and their catches (1950-2018) by commercial and experimental fisheries. *Journal of Marine Science and Engineering* 9, 1057; doi.org/10.3390/jmse9101057
- Pauly, D. 2021. Why do fish reach first maturity when they do? *Journal of Fish Biology*, doi: 10.1111/jfb.14902
- Ulman, A., T. Yildiz, N. Demirel, O. Canak, E. Yemişkend and D. Pauly. 2021. The biology and ecology of the invasive silver-cheeked toadfish (*Lagocephalus sceleratus*), with emphasis on the Eastern Mediterranean. *NeoBiota* 68: 145–175, doi: 10.3897/neobiota.68.71767
- Relano, V., M.L. D. Palomares and D. Pauly. 2021. Comparing the performance of four very large marine protected areas with different levels of protection. *Sustainability* 13, 9572, doi.org/10.3390/su13179572
- Schijns, R., R. Froese, J.A. Hutchings and D. Pauly. 2021. Five centuries of cod catches in Eastern Canada. *ICES Journal of Marine Science*, doi:10.1093/icesjms/fsab153
- Schijns, R., and D. Pauly. 2021. Management implications of shifting baselines in fish stock assessments. *Fisheries Management and Ecology*, doi.org/10.1111/fme.12511
- Kang, D., A. Bakun, L. Lin, and D. Pauly. 2021 The increase of a hypoxia-tolerant fish, the Bombay duck (*Harpadon nehereus*) as a result of ocean deoxygenation off southwestern China. *Environmental Biology of Fishes*, doi.org/10.1007/s10641-021-01130-7
- Zeller, D., G. Vianna, M. Ansell, A. Coulter, B. Derrick, K. Greer, S.-L. Noël, M.L.D. Palomares, A. Zhu and D. Pauly. 2021. Fishing effort and associated catch per unit effort for small-scale fisheries in the Mozambique Channel region: 1950-2016. *Frontiers in Marine Science*, doi: 10.3389/fmars.2021.707999
- Kangur, K., E. Tammiksaar and D. Pauly. 2021. A reflection of global warming in the long-term fisheries catch of a large north-temperate lake: Insights from the ‘Mean Temperature of the Catch’ concept. *Environmental Biology of Fishes*, doi: 10.1007/s10641-021-01114-7
- Amarasinghe, U.S. and D. Pauly. 2021 The relationship between size at maturity and maximum size in cichlid populations corroborates the Gill-Oxygen Limitation Theory (GOLT). *Asian Fisheries Science* 34: 14-22.
- Pauly, D. 2021. The Gill-Oxygen Limitation Theory (GOLT) and its critics. *Science Advances*, 7(2), <https://doi.org/10.1126/sciadv.abc6050>

2021 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Palomares, M.L.D., S. Baxter, N. Bailly, E. Chu, B. Derrick, M. Frias-Donaghey, S.-Luc Noël, E. Page, R. Schijns, J. Woroniak, L. Abucay, E. David, S. de Leo, M. Nevado, S. Ortiz, V.A. Parducho, P.S. Yap, M. Ansell, L. Hood, G. Vianna, R. White, D. Zeller and D. Pauly. 2021. *Estimating the biomass of commercially exploited fisheries stocks left in the ocean*. *Fisheries Centre Research Reports* 29 (3): 74 p.
- Pauly, D., C. Liang and W. Xian. 2021. Editorial: The Status of Fisheries in East Asia. *Frontiers in Marine Sciences*, 8:787217, doi: 10.3389/fmars.2021.787217 [in English and Chinese, serving as Introduction to a Research Topic and an e-book with 15 contributions covering fisheries in Mainland China, Taiwan, Japan and South Korea]
- Palomares, M. L.D., V. Relano, J. Woroniak, E. Chu, S. Baxter, E. David, M. Nevado, V.A. Parducho and D. Pauly. 2021. *Conservation of Large Pelagic Marine Species of French Polynesia*. A Sea Around Us Report to the Pew Charitable Trusts, University of British Columbia, 150 p.
- Steadman, D., J.B. Thomas, V. Villanueva, F. Lewis, D. Pauly, M.L.D. Palomares, N. Bailly, M. Levine, J. Virdin, S. Rocliffe, T. Collinson. 2021. New perspectives on an old fishing practice: context, impacts, and solutions to bottom trawling. Report to Ocean Five, 43 p.
- Pauly, D. 2021. 喘息——氧气 温度与鳃呼吸动物的生长 [*Gasping Fish and Panting Squids: Oxygen, Temperature and the Growth of Water-Breathing Animals – 2nd Edition*]. Translated and updated by Jianguo Du; China Ocean Press, Beijing.
- Dimarchopoulou, D., A. Tsikliras, R. Froese and D. Pauly. 2021. Fish Stocks *In*: S. Levin (ed.) *Encyclopedia of Biodiversity*. Academic Press/Elsevier. doi.org/10.1016/B978-0-12-822562-2.00001-3 [Updated and expanded version of Pauly and Froese’s entries in the 1st (2001) and 2nd edition (2013)]
- Khalfallah, M. and D. Pauly. 2021. The marine and diadromous fisheries of Iraq. Chapter 62, p. 1301 – 1308 (vol. 2) *In*: L.A. Jawad (ed.). *Tigris*

- and Euphrates Rivers: their Environment from Headwaters to Mouth*. Springer Publisher, Switzerland.
- Cury, P. and D. Pauly. 2021. *Obstinate Nature*. Odile Jacob, Paris [English version, with a foreword by Paul Ehrlich, of Cury, P. and D. Pauly. 2013. *Mange tes méduses ! Réconcilier les cycles de la vie et la flèche du temps*. Odile Jacob, Paris, 216 p.]
- Khalfallah, M., D. Zeller and D. Pauly. 2021. The Fisheries of the Arabian Sea Large Marine Ecosystem, p. 883-895 In: L.A. Jawad (ed.). *The Arabian Seas: Biodiversity, Environmental Challenges and Conservation Measures*. Springer Publisher, Switzerland.
- Pauly, D. and E. Chu (Editors). 2021. *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Report 29(1), University of British Columbia, Vancouver, 115 p. <http://hdl.handle.net/2429/77624>.
- Pauly, D. 2021. Jack Randall (1924 – 2020): a friend of FishBase, p. 5-8 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Pauly, D. 2021. Darwin was no Baconian, p. 9-10 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Pauly, D. 2021. From a Basement Office to the Imperial Palace, p. 10-15 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Reeves, A. and D. Pauly. 2021. Invasive vs. Vanishing Fish, p. 16-21 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Pauly, D. and I. Huvila. 2021. Sharing Science: an interview of Daniel Pauly by Isto Huvila, p. 22-34 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Pauly, D. 2021. The Oceans' Shifting Baselines: Comments on a TED Talk, p. 35-40 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Grémillet, D., B.D. Hardesty, H.K. Lotze, D. Obura, D. Pauly, Y-J. Shin and U.R. Sumaila. 2021. The oceans and COVID-19: A ten-point agenda for action, p. 41-44 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Palomares, M.L.D., N. Bailly, E. Bato, E. Capuli, J.C. Espedido, R. Gallano, C. Hoornaert, S. Luna, R. Polido, K. Reyes, R.R. Valdestamon, P.M.S. Yap and D. Pauly. 2021. Some aspects of the marine biodiversity of French Polynesia, p. 45-56 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Reports 29(1).
- Pauly, D. and Chu. 2021. Key Traits of Amphioxus Species (Cephalochordata) and the GOLT. p. 57-66 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Report 29(1), University of British Columbia, Vancouver.
- Pauly, D. 2021. Pre-submission draft of 'The GOLT and its critics' p. 67-115 In: D. Pauly and E. Chu (eds). *Marine and Freshwater Miscellanea III*. Fisheries Centre Research Report 29(1), University of British Columbia, Vancouver.
- Pauly, D. 2021. [Japanese version of 'Vanishing Fish: Shifting Baselines and the Future of Global Fisheries', as translated by Fumihito Muto]. Tokai University Press, Tokyo, 211 p.

2021 – OTHER ITEMS

- Pauly, D. 2021. Témoignage – Rétrospective du premier congrès franco-canadien sur les sciences aquatiques à St. Pierre et Miquelon. OUTRE-MER, l'E-Mag Ultramarin de l'Environnement, No. 7, p. 10. [Also : English version].
- Pauly, D. 2021. How can we bring fisheries back from the brink? *Oceana Magazine*, Winter 2021, p. 26-29.
- Schijns, R. and D. Pauly. 2021. The widespread practice of truncating time series data in fisheries. *Ocean Past News*, No. 21: 2-3.
- Pauly, D. 2021. What is sustainability? *Oceana Magazine*, Fall 2021, p. 32-33.
- Pauly, D. 2021. What Netflix's *Seaspiracy* gets wrong about fishing, explained by a marine biologist. www.vox.com/2021/4/13/22380637/seaspiracy-netflix-fact-check-fishing-ocean-plastic-veganism-vegetarianism.
- Pauly D. 2021. Foreword, p. ix-x In: H. Bardi & I. Perissi. *The Empty Sea: The Future of the Blue Economy*. A report of the Club of Rome; Springer, Switzerland.
- Pauly, D. 2021. Assessing the status of exploited tropical fish populations: the challenges and their solutions, p. 1. In: Book of Abstracts, online conference on "Sustainable Marine Fisheries and Aquaculture: Policies, Packages and Perspectives in the Blue Economy Paradigm". University of Kerala and Shastri Indo-Canadian Institute.
- Pauly D. 2021. Why is the creation of marine protected areas such as contentious issue? *Oceana Magazine*, Spring, p. 30-31.
- Palomares, M/L.D., N. Bailly, E. David, V.A. Parducho, R. Schijns, G. Vianna, R. Froese, D. Zeller and D. Pauly. 2021. Documenting and mapping the global expansion of industrial overfishing from 1950 to 2018. Presentation and abstract submitted to the World Fisheries Congress, Theme 2: Fish and Aquatic Ecosystems (Biodiversity, Conservation, Ecosystem Function, Integrated Management); Session 37: Juggling Biodiversity, Resource Management and Food Security, Adelaide, Australia [Abstracts also submitted: 'Baseline of fisheries catches in African Large Marine Ecosystems' by D. Zeller, L. Hood, M.L.D. Palomares and D. Pauly; 'Always evolving: Recent advances in the CMSY stock assessment method and comparison with traditional assessments' by G. Vianna, R. Froese, M.L.D. Palomares, D. Zeller and D. Pauly]

2020-ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. and R. Froese. 2020. MSY needs no epitaph- but it was abused. *ICES Journal of marine Science*. doi:10.1093/icesjms/fsaa224
- Bellido, J.M., Sumaila, U.R., Sánchez-Lizaso J.L., Palomares M.L.D. and Pauly, D. 2020. Input versus output controls as instruments for fisheries management with a focus on Mediterranean fisheries. *Marine Policy* 118: 103786
- de la Puente, S. R. López de la Lama, S. Benavente, J.C. Sueiro and D. Pauly. 2020. Growing into poverty: reconstructing Peruvian small-scale fishing effort between 1950 and 2018. *Frontiers in Marine Science*, doi.org/10.3389/fmars.2020.00681

- Zhai, L. C. Liang and D. Pauly. 2020. Assessments of 15 exploited fish stocks in Chinese waters using the CMSY and BSM methods. *Frontiers in Marine Science* 7: 483993; doi: 10.3389/fmars.2020.483993
- Ulman, A, M. Zengin, N. Demirel and D. Pauly. The fish of Turkey's past: a recent history of disappeared species and commercial fishery extinction from the Black and Marmara Seas. *Frontiers in Marine Science* 14, doi.org/10.3389/fmars.2020.00650 [with modified/corrected map; doi.org/10.3389/fmars.2020.600242]
- Vianna, G., D. Zeller and D. Pauly. 2020. Fisheries and policy implications for human nutrition. *Current Environmental Health Reports* 7: 161-169.
- Kemp, P., R. Froese and D. Pauly. 2020. COVID-19 provides an opportunity to advance a sustainable UK Fisheries Policy in a post-Brexit brave new world. *Marine Policy* 120, doi.org/10.1016/j.marpol.2020.104114.
- Moradian, N., H.D. Ochs, M.R. Hamblin, C.A. Camargo, J.A. Martinez, J.D. Biamonte, M. Abdollahi, P.J. Torres, J.J. Nieto, S. Ogino, J.F. Seymour, A. Abraham, V. Cauda, S. Gupta, S. Ramakrishna, F.W. Sellke, A. Sorooshian, A. Wallace Hayes, L.Q. Uddin, M. Gupta, L. Azadbakht, A. Esmaeilzadeh, R. Kelishadi, A. Esteghamati, R. Majdzadeh, H. Badali, I. Rao, A.A. Saboury, L.J. Mohan Rao, H. Ahmadi, A. Montazeri, G.P. Fadini, D. Pauly, S. Thomas, A.A. Moosavi-Movahed, A. Aghamohammadi, M. Behmanesh, V. Rahimi-Movaghar, S. Ghavami, R. Mehran, M. von Herrath, B. Mobasher and N. Rezaei. 2020. The Absolute Need of Integrated Science to Fight COVID-19 Pandemic and Beyond. *Journal of Translational Medicine* 18(205), doi: 10.1186/s12967-020-02364-2
- Zeller, D., L. Hood, M.L.D. Palomares, U.R. Sumaila, M. Khalafallah, D. Belhabib, J. Woroniak and D. Pauly. 2020. Comparative fishery yields of African Large Marine Ecosystems. *Environmental Development*, 36, : 100543, doi.org/10.1016/j.endev.2020.100543
- Palomares, M.L.D., R. Froese, B. Derrick, J.J. Meeuwig, S.-L. Nöel, G. Tsui, J. Woroniak, D. Zeller and D. Pauly, D. 2020. Fisheries biomass trends of exploited fish populations in marine ecoregions, climatic zones and ocean basins. *Estuarine, Coastal and Shelf Science*, doi.org/10.1016/j.css.2020.106896
- Kerley, G.I.H., M. te Beest, J. P.M.G. Cromsigt, D. Pauly and S. Shultz. 2020. The protected area paradox and refugee species: the giant panda and shifted baselines towards conserving species in marginal habitats. *Conservation Science and Practice* 2020:e203; doi.org/10.1111/csp2.203, 6 p.
- Zhai, L. and D. Pauly. 2020. Construction and interpretation of particle size distribution spectra from 19 Ecopath models of Chinese coastal ecosystems. *Frontiers in Marine Science*, 7(298), doi: 10.3389/fmars.2020.00298
- Liang, C., W. Xian and D. Pauly. 2020. Assessments of 15 exploited fish stocks in Chinese, South Korean and Japanese waters using the CMSY and BSM methods. *Frontiers in Marine Science*. 7(298) doi: 10.3389/fmars.2020.00298. [With Supplementary Materials]
- Liang, C. W. Xian, S. Liu and D. Pauly. 2020. Assessments of 14 exploited fish and invertebrate stocks in Chinese waters using the LBB method. *Frontiers in Marine Science* 7:314. doi: 10.3389/fmars.2020.00314.
- Salinas-de-León, P., S. Andrade, C. Arnés-Urgellés, J. R. Bermudez, S. Bucaram, S. Buglass, F. Cerutti, W. Cheung, C. De la Hoz, V. Hickey, G. Jiménez-Uzcátegui, I. Keith, J. R. Marín Jarrín, P. Martí-Puig, M. Medina, A. Moya, D. Pauly, D. Orellana, R. Ostergaard-Klem, C. Stock, J. Witman and B. Worm. 2020. Evolution of the Galapagos in the Anthropocene. *Nature Climate Change* doi.org/10.1038/s41558-020-0761-9
- Harper, S., M. Adshade, V. Lam, D. Pauly and U.R. Sumaila. 2020. Valuing invisible catches: an estimate of the contributions by women to small-scale fisheries catches. *PLoS ONE* 15(3):e0228912
- Hay, A. W. Xian, N. Bailly, C. Liang and D. Pauly. 2020. The why and how of determining length-weight relationships of fish from preserved museum specimens. *Journal of Applied Ichthyology*, doi 10.1111/jai.14014.
- Pauly, D. 2020. Sidney Holt (1926-2019): influential fisheries scientist and savior of whales. *Science* 367(6479): 744; doi 10.1126/science.abat8964
- Sumaila, U.R., D. Zeller, L. Hood, M.L.D. Palomares, Y. Li and D. Pauly. 2020. Illicit trade in marine fish catch and its effects on ecosystems and people worldwide. *Science Advances* 6:eaaz3801.
- Freire, K.M.F., D. Belhabib, J.C. Espedido, L. Hood, K.M. Kleisner, V.W.L. Lam, M.L. Machado, J.T. Mendonça, J.J. Meeuwig, P.S. Moro, F.S. Motta, M.L.D. Palomares, N. Smith, L. Teh, D. Zeller, K. Zylich and D. Pauly. 2020. Estimating global catches of marine recreational fisheries. *Frontiers in Marine Sciences*. doi: 10.3389/fmars.2020.00012
- Du, J., P.C. Makatipu, L.S.R. Tao, D. Pauly, W.W.L. Cheung, T. Peristiwady, J. Liao, and B. Chen. 2020. Comparing trophic structure of a tropical marine food web as estimated from mass-balance ecosystem model and stable isotope analysis. *Estuarine, Coastal and Shelf Science* 233, 106518

2020 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Sherman, K and B. Petersen (Editors), 2020. Ocean Sustainability: Assessing and Managing the World's Large Marine Ecosystems. Scientific Committee of Problems of the Environment/SCOPE vol. 73, 694 p. [This reprints on p. 24-52 35: Pauly, D. and V. Christensen. 1993. Stratified models of large marine ecosystems: a general approach and an application to the South China Sea, p. 148-174. In: K. Sherman., L.M. Alexander and B.D. Gold (eds) *Stress, mitigation and sustainability of large marine ecosystems*, AAAS, Wash. D.C.; on p. 54-566: Christensen, V., C.J. Walters, R. Ahrens, J. Alder, J. Buszowski, L.B. Christensen, W.W.L. Cheung, J. Dunne, R. Froese, V. Karpouzi, K. Kaschner, K. Kearney, S. Lai, V.W.Y. Lam, M.L.D. Palomares, A. Peters-Mason, C. Piroddi, J.L. Sarmiento, J. Steenbeek, U.R. Sumaila, R. Watson, D. Zeller and D. Pauly. 2009. Database-driven models of the world's Large Marine Ecosystems. *Ecological Modelling* 220: 1984-1996; on p. 103-127: Pauly, D. and V.W.Y. Lam. 2016. The status of fisheries in large marine ecosystems, 1950-2010, p. 113-137 In: Large Marine Ecosystems: Status and Trends. United Nations Environment Programme, Nairobi, and on p. 163-180: Belhabib, D., A. Mendy, Y. Subah, N.T. Broh, A.S. Jueseah, N. Nipey, N. Willemse, D. Zeller and D. Pauly. 2015. Fisheries catch under-reporting in The Gambia, Liberia and Namibia and the three Large Marine Ecosystems which they represent. *Environmental Development*, 17: 157- 174].
- Derrick, B., M. Khalafallah, V. Relano, D. Zeller and D. Pauly (Editors). 2020. Updating to 2018 the 1950-2010 Marine Catch Reconstructions of the

- Sea Around Us: Part I – Africa, Antarctica, Europe and the North Atlantic. Fisheries Centre Research Report 28(5), 321 p.
<http://hdl.handle.net/2429/77672>
- Derrick, B. and D. Pauly. 2020. Updating to 2018 the 1950-2020 marine catch reconstructions of the *Sea Around Us*, p. 9-14 In: B. Derrick, M. Khalfallah, V. Relano, D. Zeller and D. Pauly (eds). *Updating to 2018 the 1950-2010 Marine Catch Reconstructions of the Sea Around Us: Part I – Africa, Antarctica, Europe and the North Atlantic*. Fisheries Centre Research Report. 28 (5).
- Belhabib, D., A. Baio, O.T. Camara, D. Copeland, B. Derrick, A. Doumboya, S. Harper, J.F. Intchama, J. Mamie, J.-P.C. Manel, D. Ndiaye, S.-L. Noël, D. Pauly, H. Seilert, K. Seto, Y. Anbar and D. Zeller. 2020. Updating to 2018 the 1950 – 2010 catch reconstructions for islands off West Africa, p. 115-47 In: B. Derrick, M. Khalfallah, V. Relano, D. Zeller and D. Pauly (eds). *Updating to 2018 the 1950-2010 Marine Catch Reconstructions of the Sea Around Us: Part I – Africa, Antarctica, Europe and the North Atlantic*. Fisheries Centre Research Report 28 (5).
- Sola, I., J.-L.S. Lizaso, B. Derrick and D. Pauly. 2020. Spain (Mediterranean and Gulf of Cadiz): catch reconstruction update to 2018, p. 188-196 In: B. Derrick, M. Khalfallah, V. Relano, D. Zeller and D. Pauly (eds). *Updating to 2018 the 1950-2010 Marine Catch Reconstructions of the Sea Around Us: Part I – Africa, Antarctica, Europe and the North Atlantic*. Fisheries Centre Research Report 28 (5).
- Popov, S., T. Cashion, B. Derrick, M. Frias-Donaghey and M. Khalfallah. 2020. Black Sea: updated catch reconstructions to 2018, p. 205-215 In: B. Derrick, M. Khalfallah, V. Relano, D. Zeller and D. Pauly (eds). *Updating to 2018 the 1950-2010 Marine Catch Reconstructions of the Sea Around Us: Part I – Africa, Antarctica, Europe and the North Atlantic*. Fisheries Centre Research Report 28 (5).
- Derrick, B., M. Khalfallah, V. Relano, D. Zeller and D. Pauly (Editors). 2020. Updating to 2018 the 1950-2010 Marine Catch Reconstructions of the Sea Around Us. Part II: The Americas and Asia-Pacific. Fisheries Centre Research Report. 28(6), 408 p. <http://hdl.handle.net/2429/77673>
- Page, E., B. Derrick, A. Coulter, R. White, M. Ang, D. Dunstan, L. Hood, J. Stevens, G. Tsui, L. van der Meer and D. Pauly. 2021. South America: Updated catch reconstructions to 2018, p. 279-312 In: B. Derrick, M. Khalfallah, V. Relano, D. Zeller and D. Pauly (eds). *Updating to 2018 the 1950-2010 Marine Catch Reconstructions of the Sea Around Us. Part II: The Americas and Asia-Pacific*. Fisheries Centre Research Report 28
- Khalfallah, M., B. Derrick, D. Zeller and D. Pauly. 2021. The Persian Gulf: Catch reconstructions update to 2018, p. 329-345 In: B. Derrick, M. Khalfallah, V. Relano, D. Zeller and D. Pauly (eds). *Updating to 2018 the 1950-2010 Marine Catch Reconstructions of the Sea Around Us. Part II: The Americas and Asia-Pacific*. Fisheries Centre Research Report 28(6).
- Derrick, B., L. Abucay, J. Conejar-Espedido, A. Coulter, J. Glenn Jansalin, G. Pardocho, R. Polido, G. Tsui, R. White and D. Pauly. 2021. Countries of Southeast Asia: Updating Catch reconstructions to 2018, p. 383-408 In: B. Derrick, M. Khalfallah, V. Relano, D. Zeller and D. Pauly (eds). *Updating to 2018 the 1950-2010 Marine Catch Reconstructions of the Sea Around Us. Part II: The Americas and Asia-Pacific*. Fisheries Centre Research Report 28(6).
- Palomares, M.L.D., M. Khalfallah, J. Woroniak and D. Pauly (Editors). 2020. Assessments of marine fisheries resources in West Africa with emphasis on small pelagics. Fisheries Centre Research Reports 28(4), 108 p.
- Palomares, M.L.D., M. Khalfallah, J. Woroniak and D. Pauly. 2020. Assessment of 14 species of small pelagic fish caught along the coast of Northwest African countries. p. 77-108 In: M.L.D. Palomares, M. Khalfallah, J. Woroniak and D. Pauly D (eds). *Assessments of marine fisheries resources in West Africa with emphasis on small pelagics*, Fisheries Centre Research Report 28(4).
- Cury, P. and D. Pauly. 2020. Global marine fisheries: avoiding further collapses, p. 382-393 In: C. Henry, J. Rockström and N. Stern (eds). *Standing up for a sustainable world: voices of change*. Edgar Publishing.
- Khalfallah, M., D. Zeller and D. Pauly. 2021. The Fisheries of the Arabian Sea Large Marine Ecosystem, p. 883-895 In: L.A. Jawad (ed.). *The Arabian Seas: Biodiversity, Environmental Challenges and Conservation Measures*. Springer Publisher, Switzerland.
- Relano, V., E.B. David, P.M.S. Yap, R. Polido, Luisa Abucay, D. Pauly and M.L.D. Palomares. 2020. *Assessing the biodiversity of four Pacific Ocean marine protected areas*. A report of the *Sea Around Us* and Quatitative Aquatics for the Pew Charitable Trusts. Institute for the Oceans and Fisheries, University of British Columbia, Vancouver, B.C. 48 p.
- Pauly, D. and V. Ruiz-Leotaud (Editors). 2020. *Marine and Freshwater Miscellanea II*. Fisheries Centre Research Reports 28(2), 141 p.
- Pauly, D. 2020. Indo-Pacific fisheries, p. 6-8 In: D. Pauly and V. Ruiz-Leotaud (eds). *Marine and Freshwater Miscellanea II*. Fisheries Centre Research Reports 28(2).
- Pauly, D. 2020. Salmon as a guide to nowhere, p. 51-52 In: D. Pauly and V. Ruiz-Leotaud (eds). *Marine and Freshwater Miscellanea II*. Fisheries Centre Research Reports 28(2). Also in : <https://www.watersciencepolicy.com/2020/11/02/salmon-as-guide-to-nowhere/>
- Pauly, D. 2020. Professor Gotthilf Hempel's 90th Birthday, p. 86-90 In: D. Pauly and V. Ruiz-Leotaud (eds). *Marine and Freshwater Miscellanea II*. Fisheries Centre Research Reports 28(2).
- Pauly, D. 2020. When is fisheries management needed? p. 96-102 In: D. Pauly and V. Ruiz-Leotaud (eds). *Marine and Freshwater Miscellanea II*. Fisheries Centre Research Reports 28(2).
- Pauly, D., T.J. Pitcher and W.T. Peterson. 2020. South Africa's post-apartheid marine research, p. 105-105 In: D. Pauly and V. Ruiz-Leotaud (eds). *Marine and Freshwater Miscellanea II*. Fisheries Centre Research Reports 28(2).
- Pauly, D. 2020. Sidney Holt (1926-2019) – a personal view, p. 106-109 In: D. Pauly and V. Ruiz-Leotaud (eds). *Marine and Freshwater Miscellanea II*. Fisheries Centre Research Reports 28(2).
- Froese, R., H. Winker, G. Coro, N. Demirel, A.C. Tsikliras, D. Dimarchopoulou, G. Scarcella, M.L.D. Palomares, M. Dureuil and D. Pauly. 2020. Learning from the Review of “Estimating stock status from relative abundance and resilience”, p. 111-124 In: D. Pauly and V. Ruiz-Leotaud (eds). *Marine and Freshwater Miscellanea II*. Fisheries Centre Research Reports 28(2).
- Pauly, D. 2020. Females grow bigger – deal with it! p. 125-130. In: D. Pauly and V. Ruiz-Leotaud (eds). *Marine and Freshwater Miscellanea II*. Fisheries Centre Research Reports 28(2).
- Pauly, D. and R. Froese. 2020. Are smaller fish pre-adapted to warmer oceans? p. 131-141 In: D. Pauly and V. Ruiz-Leotaud (eds). *Marine and Freshwater Miscellanea II*. Fisheries Centre Research Reports 28(2).
- Sumaila, U.R. and D. Pauly. 2020. Fish, p. 177-184 In: P. Tortell (ed.) *Earth 2020: An Insider's Guide to a Rapidly Changing Planet*.

OpenBook Publishers, Cambridge, U.K. (www.openbookpublishers.com/10.11647/obp.0193.pdf).

Pauly, D. 2020. Les impacts de la pêche et du réchauffement global sur les écosystèmes marins, p. 103-114 In : F. Herpers and A. Gitton (eds) Mers et océans : sauver notre devenir. Editions Libre & Solidaire, Paris.

2020 – OTHER ITEMS

Pauly D. 2020. How do gillnets work? *Oceana Magazine, Winter*, p. 26-27.

Pauly, D. 2020. How is COVID-19 affecting fisheries? *Oceana Magazine, Summer*, p. 28-29.

Pauly, D. 2020. Impacts de la pêche et du réchauffement climatique sur les écosystèmes marins, p. 14-17. *Progressistes : Science, Travail & Environnement*. No. 28, Avril-Mai-Juin 2020.

Pauly D. 2020. Prefazione, p. 7-8 In: H. Bardi & I. Perissi. *Il Mare Svuotato – Quale Futuro per l'Economia Blu?* Editori Riuniti, Roma, 306 p.

Pauly D. 2020. What is ecosystem-based fisheries management ? *Oceana Magazine, Spring*, p. 32-33.

2019-ITEMS IN PEER-REVIEWED JOURNALS

- Bellido, J.M., U.R. Sumaila, J.S. Sánchez-Lizaso, M.L.D. Palomares and D. Pauly. 2019. Input versus output controls as instruments for fisheries management with a focus on Mediterranean fisheries. *Marine Policy*, doi.org/10.1016/j.marpol.2019.103786
- Froese, R., H. Winker, G. Coro, N. Demirel, A.C. Tsikliras, D. Dimarchopoulou, G. Scarcella, M.L.D. Palomares, M. Dureuil and D. Pauly. 2019. Estimating stock status from relative abundance and resilience. *ICES Journal of Marine Science*, doi: 10.1093/icesjms/fsz320.
- Liang, C and D. Pauly. 2019. Masking and unmasking fishing down effects: The Bohai Sea (China) as a case study. *Ocean and Coastal Management* <https://doi.org/10.1016/j.ocecoaman.2019.105033>
- Keskin, C. and Pauly. 2019. Species composition of ichthyoplankton assemblages: a response to seasonal temperature changes. *Mediterranean Marine Science* 20: 222-226; <http://dx.doi.org/10.12681/mm2.18262>
- Sumaila, U.R., D. Skerritt, A. Schuhbauer, N. Ebrahim, Y. Li; H.S. Kim, T. Grace Mallory, V.W.L. Lam and D. Pauly. 2019. A global dataset on subsidies to the fisheries sector. *Data in Brief*, 27, <https://doi.org/10.1016/j.marpol.2019.103695>.
- Zhai, L. and D. Pauly. 2019. Yield-per-recruit, utility-per-recruit and relative biomass of 21 exploited fish species in China's coastal seas. *Frontiers in Marine Research*. doi: 10.3389/fmars.2019.00724.
- Sumaila, U.R., N. Ebrahim, A. Schuhbauer, D. Skerritt, Y. Li, H.S. Kim, T. Mallory, V.W.Y. Lam and D. Pauly. 2019. Updated estimates and analysis of global fisheries subsidies. *Marine Policy*. 109; 103695.
- Pauly. D. 2019. A précis of Gill-Oxygen Limitation Theory (GOLT), with some Emphasis on the Eastern Mediterranean. *Mediterranean Marine Science Special Issue* 20(4): 688-702; doi.org/10.12681/mms.19285.
- Pauly, D. 2019. Micronutrient richness of global catches. *Nature* <https://doi.org/10.1038/d41586-019-02810-2>; <https://rdcu.be/bSRf8>.
- Palomares, M.L.D and D. Pauly. 2019. On the creeping increase of vessels' fishing power. Special issue on "Managing local and global fisheries in the Anthropocene". *Ecology and Society* 24 (3):31; www.ecologyandsociety.org/vol24/iss3/art31/.
- Coulter, A., T. Cashion, A.M. Cisneros-Montemayor, S. Popov, G. Tsui, F. Le Manach, L. Schiller, M.L. D. D. Palomares, D. Zeller and D. Pauly. 2019. Using harmonized historical catch data to infer the expansion of global tuna fisheries. *Fisheries Research*, doi.org/10.1016/j.fishres.2019.105379.
- Steneck, B. and D. Pauly. 2019. Fishing through the Anthropocene. *Current Biology* 29, R1-R6.
- Pauly, D. and C. Liang. 2019. The Fisheries of the South China Sea: Major Trends since 1950. *Marine Policy* doi.org/10.1016/j.marpol.2019.103584.
- Greer, K., D. Zeller, J. Woroniak, A. Coulter, M. Winchester, M.L.D. Palomares and D. Pauly. 2019. Reply to Ziegler et al. "Adding perspectives to: Global trends in carbon dioxide (CO₂) emissions from fuel combustion in marine fisheries from 1950-2016" and addressing concerns of using fishing effort to predict carbon dioxide emissions. *Marine Policy* 107: 103491.
- Greer, K., D. Zeller, J. Woroniak, A. Coulter, M. Winchester, M.L.D Palomares and D. Pauly. 2019. Global trends in carbon dioxide (CO₂) emissions from fuel combustion in marine fisheries from 1950-2016. *Marine Policy* 107: 103382.
- Zeller, D. and D. Pauly. Viewpoint: Back to the Future for fisheries, where will we choose to go? *Global Sustainability*, 2, e11, 1-8, doi/org 10.1017/sus.2019.8.
- Grüss, A., M.L.D. Palomares, J.O. Poelen, J.R. Barile, C.D. Aldemita, S.R. Ortiz, N. Barrier, Y.-J. Shin, J. Simons and D. Pauly. 2019. Building bridges between global information systems on marine organisms and ecosystem models. *Ecosystem Modelling*. 319: 1-9.
- Palomares, M.L.D. and D. Pauly. 2019. Editorial: Historical reconstructions of marine fisheries catches: challenges and opportunities. *Frontiers in Marine Research*, doi.org/10.3389/fmars.2019.00128.
- Froese, R., H. Winker, G. Coro, N. Demirel, A.C. Tsikliras, D. Dimarchopoulou, G. Scarcella, W.N. Probst, M. Dureuil and D. Pauly. 2019. On the pile-up effect and priors for Linf and M/K: Response to a Comment by Hordyk et al. on "A new approach for estimating stock status from length frequency data. A new approach for estimating stock status from length-frequency data". *ICES Journal of Marine Science* doi 10.1093/icesjms/fsy199.
- Canty, S., M. Funes, S. Box, K. Zylich, B. Derrick, E. Divovich, A. Lindop, D Pauly and D. Zeller. 2019. The hidden value of artisanal fisheries in Honduras. *Fisheries Management and Ecology*, 26: 249-259; doi: 10.1111/fme.12346
- Pauly, D. 2018. Female fish grow bigger: let's deal with it. *Trends in Ecology and Evolution*, doi 10/10.1016.tree.2018.12.007.
- Cashion, M, N. Bailly and D. Pauly. 2019. Official catch data underrepresent shark and ray taxa caught in Mediterranean and Black Sea fisheries. *Marine Policy*. 105: 1-9.
- Pauly, D. and D. Zeller. 2019. Agreeing with FAO: Comments on SOFIA 2018. *Marine Policy*, 100: 332-333. doi.org/10.1016/j.marpol.2018.12.009.

2019 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. 2019. *Gasping Fish and Panting Squids: Oxygen, Temperature and the Growth of Water-Breathing Animals – 2nd Edition*. Excellence in Ecology (22), International Ecology Institute, Oldendorf/Luhe, Germany, 279 p.
- Palomares, M.L.D., B. Derrick, S.-L. Noël, G. Tsui, J. Woroniak, R. Froese and D. Pauly. 2019. A global assessment of the status of exploited marine fish and invertebrate populations. A report prepared by the *Sea Around Us* for OCEANA, 97 p.
- Pauly, D., M.L.D. Palomares, B. Derrick, G. Tsui, L. Hood and D. Zeller. 2019, The *Sea Around Us* as provider of global fisheries catch and related marine biodiversity data to the Nereus program and civil society, p. 111-119 *In*: A. Cisnerio-Montemayor, W.W.L. Cheung and Y. Ota (eds) *Predicting Future Oceans*. Elsevier.
- Palomares, M.L.D., A.S. Cabanban and D. Pauly (Editors). 2019. *Historical Reconstructions of Marine Fisheries Catches: Challenges and Opportunities*. Frontiers Media, Lausanne, doi: 10.3389/978-2-88945-1.
- Pauly, D. and M.L.D. Palomares. 2019. Editorial: Historical Reconstructions of Marine Fisheries Catches: Challenges and Opportunities, p. 5-6 *In*: Palomares, M.L.D., A.S. Cabanban and D. Pauly (eds). *Historical Reconstructions of Marine Fisheries Catches: Challenges and Opportunities*. Frontiers Media, Lausanne.
- Pauly, D. 2019. *Métodos para Avaliação dos Recursos Pesqueros*. Adaptação Brasileira: Kátia de Meirelles Felizola Freire. Editora da Universidade de São Paulo, 249 p.
- Derrick, B., D. Zeller, D., Pauly and M.L.D. Palomares. 2019. Sea Around Us research protocols: catch reconstructions. *Sea Around Us Report to the Minderoo Foundation*. Vancouver, 74 p.
- Pauly, D. and V. Ruiz-Leotaud. 2019. Twenty Years of the *Sea Around Us*: Marine Fisheries Research to Serve Civil Society, 1999 – 2019. *Sea Around Us*, Vancouver and Perth, 54 p.
- Pauly, D. 2019. *Vanishing Fish: Shifting Baselines and the Future of Global Fisheries*. Greystone Books, Vancouver, 288 p.
- Palomares, M.L.D. and D. Pauly. 2019. Coastal Fisheries: the past, present and possible future - Chapter 32, p. 569-578 *In*: E. Wolanski, J. Day, M. Elliott and R. Ramachandran (eds) *Coasts and Estuaries - the Future*. Elsevier.
- Pauly, D. and D. Zeller. 2019. The making of a global marine fisheries catch database for policy development. p. 221-235 *In*: C. Sheppard (ed.), *World Seas: An Environmental Evaluation*. Vol. III: Ecological Issues and Environmental Impacts. Academic Press, Elsevier, London.
- Palomares, M.L.D., J. Woroniak, S.-L. Noël, G. Tsui, B. Derrick and D. Pauly. 2019. Preliminary stock assessments of small pelagic fish in West Africa. A report prepared by the *Sea Around Us* for the MAVA Foundation, 29 p.

2019 – OTHER ITEMS

- Pauly, D. 2019. Prises de pêche de 25 pays, états et territoires insulaire du Pacifique, p. 25 *In*: C.E Payri and E. Vidal (eds) Biodiversité en Océanie, un besoin urgent d'action. Presses universitaires de la Nouvelle Calédonie, Nouméa. [Also available as : Pauly, D. 2019. Coastal fisheries in Oceania, p. 25 *In*: C.E. Payri and E. Vidal (eds) Biodiversity, a pressing need for action in Oceania. Presses universitaires de la Nouvelle Calédonie, Nouméa].
- Pauly, D. 2019. Entretien avec Daniel Pauly. *Les Energies (Dalkia)* Octobre 2019 - Janvier 2020, No. 14, p. 41.
- Pauly D. 2019. A weird background for a marine scientist? *Oceana Magazine, Winter*, p. 30-31.
- Pauly, D. 2019. La pêche en Indo-Pacifique: une ressource qui se raréfie et source de tensions. *Diplomatie - Affaires stratégiques et relations internationales*. Octobre/Novembre - Les Grand Dossiers No 53: 94-95.
- Pauly, D. 2019. The Impacts of Fisheries and Global Warming on Marine Ecosystems. Booklet prepared for the Tenth Haig-Brown Memorial Lecture. Campbell River Community Arts Council, Haig-Brown Institute Museum, Campbell River-British Columbia, 15 p.
- Pauly, D. 2019. Les effets pervers du commerce du poisson. *Pour la Science* (506 ; octobre 22; see : www.pourlascience.fr/sd/environnement/le-marche-mondial-du-poisson-contribue-aux-carences-alimentaires-18224.php)
- Pauly, D. 2019. What aquaculture can and cannot do. *Oceana Magazine*, Summer, p. 30-31.
- Pauly, D. 2019. Les grandes AMP : Pourquoi en avons-nous besoin ? p. 14 *In*: A. Connell et A. Schaffar (eds). *Atelier Scientifique – Parc Naturel de la Mer de Corail, 25-27 juillet 2016, Nouméa, Nouvelle Calédonie*. Pew Charitable Trusts & Fondation Bertarelli, Nouméa, 59 p.
- Pauly, D. 2019. Avant-propos, p. i-iii *In*: Rachel Carson. *La mer autour de nous*. Editions Wildproject, Marseille.
- Pauly, D. 2019. The enormous – and still uncertain – impact and size of China's wild fish catch. *Oceana Magazine*, Spring 2019, p. 28-29.
- Pauly, D. 2019. The pressure of fisheries on the ocean. *The Geographer, Newsletter of the Royal Scottish Geographical Society*, Spring 2019, p. 15.
- Pauly, D. 2019. *Sea Around Us*: Global fisheries data and the goose that laid the golden egg (commentary). <https://news.mongabay.com/2019/08/sea-around-us-global-fisheries-data-and-the-goose-that-laid-the-golden-egg-commentary/>

2018-ITEMS IN PEER-REVIEWED JOURNALS

- Cashion, T. S. de la Puente, D. Belhabib, D. Pauly, D. Zeller and U.R. Sumaila. 2018. Establishing company-level fishing revenue and profit losses from fisheries: A bottom-up approach. *PLoS ONE* 13(11): e0207768.
- Grémillet, D., A. Ponchon, M. Paleczny, M.L.D. Palomares, V. Karpouzi and D. Pauly. 2018. Persisting worldwide seabird-fishery competition despite seabird community decline. *Current Biology*, 28 (24), 4009-4013. e2; doi 10.1016/j.cub.2018.10.051.
- White, R.E., A.R. Coghlan, A. Coulter, M.L.D. Palomares, D. Pauly and D. Zeller. 2018. Future of fishing for a vulnerable atoll: Trends in catch and catch-per-unit-effort in Tokelau's domestic marine fisheries 1950–2016. *Frontiers in Marine Sciences*, doi 10.3389/fmars.2018.00476.
- Tickler, D. K. Bryant, F. David, J.A.H. Forrest, E. Gordon, J. Meeuwig, B. Oh, D. Pauly, U.R. Sumaila and D. Zeller. 2018. Modern slavery and the race to

- fish. *Nature Communications*, 9(1):4643; doi 10.1038/s41467-018-07118-9.
- Freire, K.M.F., U.F. Sumaila, D. Pauly and G. Adelino. 2018. The offshore recreational fisheries of northeastern Brazil. *Latin American Journal of Aquatic Research* 46(4): 765-778.
- Sadovy de Mitcheson, Y., A.A. Andersson, A. Hofford, C.S.W. Law, L.C.Y. Hau and D. Pauly. 2018. Out of control means off the menu: the case for stopping the international shark fin trade because most fins are sourced from unsustainable IUU fisheries and trade. *Marine Policy*, doi 10.1016/j.marpol.2018.08.012
- Cashion, T. D. Al-Abdulrazzak, D. Belhabib, B. Derrick, E. Divovich, D. Moutopoulos, S.-L. Noël, M.L.D. Palomares, L. Teh, D. Zeller and D. Pauly. 2018. Reconstructing global marine fishing gear use: Catches and landed values by gear type and sector. *Fisheries Research* 206: 57-64.
- Lam, V.W.Y. and D. Pauly. 2018. Status of fisheries in 13 Asian Large Marine Ecosystems. *Deep-Sea Research Part II*, doi 10.1016/j.dsr2.2018.09.002.
- Babali, N., D. Belhabib, M. Kacher, F. Louanchi and D. Pauly. 2018. Recreational fisheries economics between illusion and reality: the case of Algeria. *PLoS ONE*-D-17-43595R1.
- Pauly, D. and W.W.L. Cheung. 2018. On confusing cause and effect in the oxygen limitation of fish. *Global Change Biology*, doi 10.1111/gcb.14383.
- Sala, E., J. Mayorga, C. Costello, D. Kroodsmas, M.L.D. Palomares, D. Pauly, U.R. Sumaila and D. Zeller. 2018. Economics of fishing the high seas. *Science Advances* 4:eaa2504.
- Froese, R., H. Winker, G. Coro, N. Demirel, A.C. Tsikliras, D. Dimarchopoulou, G. Scarcella, W.N. Probst, M. Dureuil and D. Pauly. 2018. A new approach for estimating stock status from length-frequency data. *ICES Journal of Marine Science* 75(6):2005-2015, doi: 10.1093/icesjms/fsy078. [With corrigendum; same authors, title and journal: 2019. Corrigendum, 76(1): 350-351, doi: 10.1093/ices/fsy139]
- Tickler, D. K, J. Meeuwig, D. Pauly, M.L.D. Palomares and D. Zeller. 2018. Far from home: distance patterns of global fishing fleets. *Science Advances*, 4: eaar3279.
- Wabnitz, C.C., V.W.Y. Lam, G. Reygondeau, L. Teh, D. Al-Abdulrazzak, M. Khalfallah, D. Pauly, M.L.D. Palomares, D. Zeller and W.W.L. Cheung. 2018. Climate Change Impacts on Marine Biodiversity, Fisheries and Society in the Arabian Gulf. *PLoS ONE* 13(5): e0194537.
- Pauly, D. 2018. The future of artisanal fishing: review of “Fishing Lessons: artisanal fisheries and the future of our oceans.” *Science* 360: 161.
- Liang, C., W. Xian and D. Pauly. 2018. Impacts of Ocean Warming on China’s Fisheries Catch: Application of the ‘Mean Temperature of the Catch’. *Frontiers in Marine Science* 5:26, doi 10.3389/fmars.2018.00026.
- Keskin, Ç. and D. Pauly. 2018. Reconciling Trends of Mean Trophic Level and Mean Temperature of the Catch in the Eastern Mediterranean and Black Seas. *Mediterranean Marine Science* 19(1): 79-83 [with Supplementary Materials]
- Zeller, D. and D. Pauly. 2018. The ‘presentist bias’ in time-series data: implications for fisheries science and policy. *Marine Policy* 90: 14-19.
- Maharaj, R.R. V.W.L. Lam, D. Pauly and W.W.L. Cheung. 2018. Regional variability in the sensitivity of Caribbean reef fish assemblages to ocean warming. *Marine Ecology Progress Series* 590: 201-209.
- Teh, L.C.L and D. Pauly. 2018. Who brings in the fish? The relative contribution of small-scale and industrial fisheries to food security in Southeast Asia. *Frontiers in Marine Science*, doi 10.3389/fmars.2018.00044.
- Zeller, D., T. Cashion, M.L.D. Palomares and D. Pauly. 2018. Global marine fisheries discards: a synthesis of reconstructed data. *Fish & Fisheries* 19(1): 30-39.

2018 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Palomares, M.L.D. and D. Pauly. 2018. What and how much have we caught? p. 60-61 In: M. Grooten and R.E.A. Almond (Editors). Living Planet Report – 2018: Aiming Higher. WWF, Gland, Switzerland.
- Pauly, D. and V. Ruiz-Leotaud (Editors). 2018. *Marine and Freshwater Miscellanea*. Fisheries Centre Research Reports 26(2), 83 p.
- Lotze, H., R. Froese and D. Pauly. 2018. The Future of Marine Fisheries,” p. 5- 13. In: Pauly D. and V. Ruiz-Leotaud (eds) *Marine and Freshwater Miscellanea*. Fisheries Centre Research Reports 26(2). Institute for the Oceans and Fisheries, University of British Columbia. [Original, English version: Lotze, H, R. Froese and D. Pauly. 2016. Die Meeresfischerei der Zukunft, p. 284-290 In: J.L. Lozán, S.W. Breckle and E. Rachor (eds) Warnsignal Klima – die Biodiversität. Verlag Wissenschaftlich Auswertungen/GEO].
- Pauly, D. 2018. A tribute to Walter Arndt (1891-1944), p. 14-15 In: Pauly D. and V. Ruiz-Leotaud (eds) *Marine and Freshwater Miscellanea*. Fisheries Centre Research Reports 26(2). Institute for the Oceans and Fisheries, University of British Columbia.
- Pauly, D. 2018. Localism vs. Universalism in science: vignettes from fisheries research, p. 27-32. In: Pauly D. and V. Ruiz-Leotaud (eds) *Marine and Freshwater Miscellanea*. Fisheries Centre Research Reports 26(2). Institute for the Oceans and Fisheries, University of British Columbia.
- Pauly, D., W.W.L. Cheung and U.R. Sumaila. 2018. What are Global Fisheries Studies, p. 33-37. In: Pauly D. and V. Ruiz-Leotaud (eds) *Marine and Freshwater Miscellanea*. Fisheries Centre Research Reports 26(2). Institute for the Oceans and Fisheries, University of British Columbia.
- Pauly, D. 2018. A note on Ursin’s formulae for the estimation of natural mortality in fish stocks, p. 40-43. In: Pauly D. and V. Ruiz-Leotaud (eds) *Marine and Freshwater Miscellanea*. Fisheries Centre Research Reports 26(2). Institute for the Oceans and Fisheries, University of British Columbia.
- Szumylo, A. and D. Pauly. 2018. Estimation of global meiofauna and macrofauna Biomass, p. 44-52. In: Pauly D. and V. Ruiz-Leotaud (eds) *Marine and Freshwater Miscellanea*. Fisheries Centre Research Reports 26(2). Institute for the Oceans and Fisheries, University of British Columbia.
- Pauly, D. 2018. Learning from peer-reviews: The Gill-Oxygen Limitation Theory and the Growth of Fishes and Aquatic Invertebrates, p. 53-70. In: Pauly D. and V. Ruiz-Leotaud (eds) *Marine and Freshwater Miscellanea*. Fisheries Centre Research Reports 26(2). Institute for the Oceans and Fisheries, University of British Columbia.

- Pauly, D. 2018. Mixed Reviews, p. 71-83. *In*: Pauly D. and V. Ruiz-Leotaud (eds) *Marine and Freshwater Miscellanea*. Fisheries Centre Research Reports 26(2). Institute for the Oceans and Fisheries, University of British Columbia.
- Ruiz-Leotaud, V. and D. Pauly. 2018. The fisheries in and around Coiba National Park, Panama. *A Sea Around Us* report to UNESCO, 44 p.
- Palomares, M.L.D., R. Froese, B. Derrick, S.-L. Noël, G. Tsui, J. Woroniak and D. Pauly. 2018. A preliminary global assessment of the status of exploited marine fish and invertebrate populations. A report prepared by the *Sea Around Us* for OCEANA, 64 p.
- Cashion, T.; D. Al-Abdulrazzak, D. Belhabib, B. Derrick, E. Divovich, D. Moutopoulos, S.-L. Noël, M.L.D. Palomares, L. Teh, D. Zeller and D. Pauly. 2018. *A global fishing gear dataset for integration into the Sea Around Us databases*. Fisheries Centre Research Reports 26 (1): 71 p.

2018 – OTHER ITEMS

- Pauly, D. 2018. Why we need a global shark fin fishing ban. *Oceana Magazine*, Winter 2018, p. 28-29.
- Pauly, D. 2018. A Global Ban on Fishing on the High Seas? The Time Is Now. Interview with Richard Schiffmann. *Yale Environment* 360. <https://e360.yale.edu/features/>
- Pauly, D., S. Harper, A. Cisnero-Montemayor and U.R. Sumaila. 2018. The Maritime Economy of British Columbia: past, present and future. UBC Institute for the Oceans and Fisheries. Working Paper # 2018-2, 13 p.
- Pauly, D. 2018. What are stock assessments? *Oceana Magazine*, Summer 2018, p. 30-31.
- Petit, J., D. Pauly, I. Autissier, J.-F. Julliard, R. Troublé, P. Ricard, P.-Y. Cousteau, F. Sarano, B. Salvat, S. Planes. 2018. Comment la France pourrait devenir un leader mondial de la protection des-oceans. www.huffingtonpost.fr/jerome-petit/comment-la-france-pourrait-devenir-un-leader-mondial-de-la-protection-des-oceans-a-23453336/?utm_hp_ref=fr-environnement
- Pauly, D. and U.R. Sumaila. 2018. Subsidizing Disaster: a Conversation/Ask Dr. Pauly. *Oceana Magazine*, Spring 2018, p. 26-27.

2017-ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. 2017. A vision for marine fisheries in a global blue economy. *Marine Policy*, doi.org/10.1016/j.marpol.2017.11.010.
- Derrick, B., P. Noranarttragoon, D. Zeller, L.C.L. Teh and D. Pauly. 2017. Thailand's missing marine fisheries catch (1950-2014). *Frontiers in Marine Science*. doi 10.3389/fmars.2017.00402. [Reprinted in doi: 10.3389/978-2-88945-1]
- Pauly, D. and Ç. Keskin. 2017. Temperature constraints shaped the migration routes of mackerel (*Scomber scombrus*) in the Black Sea. *Acta Adriatica*. 58(2): 339-346.
- Maureaud, A., D. Gascuel, M. Colléter, M.L.D. Palomares, H. Du Pontavice, D. Pauly and W.W.L. Cheung. 2017. Global change in the trophic functioning of marine food webs. *PLoS ONE*, doi10.1371/journal.pone.0182826.
- Reis, J.J. do Carmo Jr., K.M.F. Freire, L. Cruz da Rosa, T.M.R. da Rocha Barreto, A.A. dos Santos Dias and D. Pauly. 2017. Population dynamics of Atlantic seabob *Xiphopenaeus kroyeri* (Decapoda: Penaeidae) off the state of Sergipe, northeastern Brazil. *Journal of the Marine Biological Association of the United Kingdom*. doi 10.1017/S0025315417001916.
- Pikitch, E., P.D. Boersma, I.L. Boyd, D.O. Conover, P. Cury, T. Essington, S.S. Heppell, E.D. Houde, M. Mangel, D. Pauly, É. Plagányi, K. Sainsbury and R.S. Steneck. 2017. The strong connection between forage fish and their predators: response to Hilborn et al. (2017). *Fisheries Research*, doi.org/10.1016/j.fishres.2017.07.022.
- Pauly, D. and W.W.L. Cheung. 2017. Sound physiological knowledge and principles in modelling shrinking of fishes under climate change. *Global Change Biology*, doi: 10.1111/gcb.13831.
- Khalfallah, M., M. Dimech, A. Ulman, D. Zeller and D. Pauly. 2017. Reconstruction of Marine Fisheries Catches for the Republic of Malta (1950-2014). *Mediterranean Marine Science*, doi 10.12681/mms.1683.
- Pauly, D. 2017. Big data and the emergence of new 'dissipative' structures. *Ethics in Science and Environmental Politics*. doi 10.3354/esepp00178.
- Seto, K., D. Belhabib, J. Mamie, D. Copeland, M. Vakily, H. Seilert, A. Baio, I. Turay, S. Harper, D. Zeller, K. Zylich and D. Pauly. 2017. War, fish and foreign fleets: The Marine Fisheries Catches of Sierra Leone 1950-2015. *Marine Policy*, doi 10.1016/j.marpol.2017.05.036.
- Slooten, E., G. Simmons, S.M. Dawson, G. Bremner, S. Thrush, H. Whittaker, F. McCormack, B. Robertson, N. Haworth, P. Clarke, D. Pauly and D. Zeller. 2017. Evidence of bias in assessment of fisheries management impacts. *Proc. Nat. Acad. Sci.* doi 10.1073.pnas.1706544114.
- Roberts, C.M., B.C. O'Leary, D. McCauley, J.C. Castilla, P. Cury, C.M. Duarte, D. Pauly, A. Sáenz-Arroyo, U.R. Sumaila, R. Wilson, B. Worm and J. Lubchenco. 2017. Marine reserves can mitigate and promote adaptation to climate change. *Proc. Nat. Acad. Sci.*, doi/10.1073/pnas.1701262114
- Liang, C. and D. Pauly. 2017. Growth and mortality of exploited fishes in China's coastal seas and their uses for yield-per-recruit analyses *Journal of Applied Ichthyology*, 33(4): 746-756, doi.org/10.1111/jai.13379
- Wang, K., B.P.V. Hunt, C. Liang, D. Pauly and E.A. Pakhomov. 2017. Reassessment of the life cycle of the pteropod *Limacina helicina* from a high resolution interannual time series in the temperate North Pacific. *ICES Journal of Marine Science*, doi: 10.1093/icesjms/fsx014.
- Al-Abdulrazzak, D. and D. Pauly. 2017. Reconstructing historical baselines for the Persian/Arabian Gulf Dugong (*Dugong dugon*). *Zoology in the Middle East*, doi: 10.1080/09397140.2017.1315853.
- Liang, C. and D. Pauly. 2017. Fisheries Impacts on China's Coastal Ecosystems: Unmasking a Pervasive 'Fishing Down' Effect. *PLOS ONE* 12(3): e0173296, doi: 10.1371/journal.pone.0173296.
- Pauly, D. 2017. Self-interview. *Current Biology*, 27: R399-R407.
- Mee, J.A., S. Otto and D. Pauly. 2017. Evolution of movement rate increases the effectiveness of large marine reserves for the conservation of pelagic fishes. *Evolutionary Applications*, doi 10.1111/eva.12460.
- Pauly, D. and D. Zeller. 2017. The best catch data that can possibly be? Rejoinder to Ye *et al.* "FAO's Statistic Data and Sustainability of Fisheries and Aquaculture". *Marine Policy* 81: 406-410.
- Keskin Ç., A. Ulman, K. Zylich, V. Raykov, G.M. Daskalov, D. Pauly and D. Zeller. 2017. The marine fisheries in Bulgaria's Exclusive Economic

- Zone, 1950-2013. *Frontiers in Marine Science*, doi.org/10.3389/fmars.2017.00053. [Also doi.org/10.3389/fmars.2019.00128]
- Belhabib, D., K. Greer and D. Pauly. 2017. Trends in industrial and artisanal catch per effort in West African fisheries. *Conservation Letters*, doi: 10.1111/conl.12360.
- Cashion, T., F. Le Manach, D. Zeller and D. Pauly. 2017. Most fish destined for fishmeal production are food-grade fish. *Fish and Fisheries*, doi: 10.1111/faf.12209.
- Pauly, D. and D. Zeller. 2017. Comments on FAOs State of World Fisheries and Aquaculture (SOFIA 2016). 2017. *Marine Policy* 77: 176-181.

2017 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Belhabib, D., A. Padilla, U.R. Sumaila and D. Pauly. 2017. On governance in fisheries in Senegal: from top-down control to co-management, p. 457-475, *In: P Nunes, L.E. Svensson and A. Markandya (eds) Handbook on the Economics and Management of Sustainable Fisheries*. United Nations Environment Programme, Nairobi/Edward Elgar Publishing, Cheltenham.
- Cheung, W.W.L., D. Pauly and U.R. Sumaila. 2017. Canadian fisheries and the world: the last 150 years, p. 237-243, *In: P. Nemetz and M. Young (eds) Reflections of Canada: Illuminating our Possibilities and Challenges at 150 Years*. Peter Wall Institute for Advanced Studies, Vancouver.
- Pauly, D. 2017. Las pesquerías marinas descitas de forma sencilla/marine fisheries, simply explained, p. 166-173 *In: S. Martin et al. (ed.) Naturaldia: 25 tema de rabiosa actualidad*. Donostia, San Sebastian.
- Valone, T.J., Z. Barta, J. Börner, J.-C. Cardenas, L.-A. Giraldeau, H. Kokko, J.A. Oldekop, D. Pauly, D. Rustagi and W.J. Sutherland. 2017. Governance of renewable resources: insights from game theory, p. 96-115 & 215-239 *In: L.-A. Giraldeau, P. Heb and M. Kosfeld (eds) Investors and Exploiters in Ecology and Economics: principles and applications*. Ernst Strüngman Forum, MIT Press, Cambridge.
- Pauly, D., L. Hood and K.I. Stergiou (Editors). 2017. *Belated contributions on the biology of fish, fisheries and features of their ecosystems*. Fisheries Centre Research Reports 25(1). Institute for the Oceans and Fisheries, University of British Columbia, 97 p.
- Bozynski, C.C. and D. Pauly. 2017. Interactions between growth, sex, reproduction and activity levels in control and fast-growing strains of Nile tilapia, *Oreochromis niloticus*, p. 12-30 *In: D. Pauly, L. Hood and K.I. Stergiou K.I. (eds) Belated contributions on the biology of fish, fisheries and features of their ecosystems*. Fisheries Centre Research Reports 25(1). Institute for the Oceans and Fisheries, University of British Columbia.
- Salita, J.T. and D. Pauly. 2017. Diet and food intake of juvenile white-spotted spinefoot, *Siganus fuscescens* (Siganidae), p. 37- 45. *In: D. Pauly, L. Hood and K.I. Stergiou (eds) Belated contributions on the biology of fish, fisheries and features of their ecosystems*. Fisheries Centre Research Reports 25(1). Institute for the Oceans and Fisheries, University of British Columbia.
- Hood, L. and D. Pauly. 2017. Tentative von Bertalanffy growth parameters of little studied fishes, p. 55-57 *In: D. Pauly, L. Hood and K.I. Stergiou K.I. (eds) Belated contributions on the biology of fish, fisheries and features of their ecosystems*. Fisheries Centre Research Reports 25(1). Institute for the Oceans and Fisheries, University of British Columbia.
- Soliman, V. and D. Pauly. 2017. The growth and mortality of Sinarapan (*Misticthys luzonensis*) in Lake Manapao, Buhi, Camarines Sur Province, Philippines, p. 64 -67 *In: D. Pauly, L. Hood and K.I. Stergiou K.I. (eds) Belated contributions on the biology of fish, fisheries and features of their ecosystems*. Fisheries Centre Research Reports 25(1). Institute for the Oceans and Fisheries, University of British Columbia.
- Pauly, D. 2017. Primary production enhancement by oceanic seamounts, p 88 – 91 *In: D. Pauly, L. Hood and K.I. Stergiou K.I. (eds) Belated contributions on the biology of fish, fisheries and features of their ecosystems*. Fisheries Centre Research Reports 25(1). Institute for the Oceans and Fisheries, University of British Columbia.
- Kay, A. and D. Pauly. 2017. The population density of monsters in Okanagan Lake, British Columbia, p. 92 – 95 *In: D. Pauly, L. Hood and K.I. Stergiou (eds) Belated contributions on the biology of fish, fisheries and features of their ecosystems*. Fisheries Centre Research Reports 25(1). Institute for the Oceans and Fisheries, University of British Columbia.
- Pauly, D and R. Froese. 2017. Nachhaltiges Fischereimanagement – kann es das geben? p. 415-426 *In: G. Hempel, K. Bischof und W. Hagen. (Hrsg.) Faszination Meeresforschung*. Springer Verlag, Deutschland.
- Brotz, L. and D. Pauly 2017. Studying jellyfish fisheries: toward accurate national catch reports and appropriate methods for stock assessments, p. 313-329 *In: G.L. Mariottini (ed.) Jellyfish: Ecology, Distribution Patterns and Human Interactions*. Nova Publishers, Hauppauge, New York.

2017 – OTHER ITEMS

- Pauly, D. and W.W.L. Cheung. 2017. Is climate change shrinking our fish. *Environmental Science. Science Journal for Teens*, December 2-17, 6 p.
- Froese, R., H. Winker, D. Gascuel, U.R. Sumaila and D. Pauly. 2017. How can we reduce the impact of fishing. *Environmental Science Journal for Teens*, November 2017, 4 p.
- Pauly, D. and G. Monbiot. 2017. In conversation about “shifting baseline syndrome”. *Oceana Magazine* Fall 2017: 27-30.
- Cheung, W.W.L and D. Pauly. 2017. Projecting the shrinking fish body size under ocean warming: tuna as an illustrative example. www.nereusprogram.org/wp-content/uploads/2017/08/Short-notes-on-body-size-calculation.pdf&hl=en_US
- Pauly, D. 2017. Illegal fishing by another name smells too sweet. *Oceana Magazine*, Spring 2017, p. 21.
- Teletchea, F. and D. Pauly. A critical reappraisal of fisheries in Saint-Pierre et Miquelon with emphasis on the economic, social and political consequences of the Northern cod collapse in the late 1980s. Abstract for presentation at AquaEurope 2017, March 30-31, Madrid.
- Pauly, D. and D. Zeller. 2017. Counting the Fish Catch – Why Don’t the Numbers Match? *Environmental Science Journal for Teens*, June 2017, 5 p.
- Mildenberger, T.K., M.H. Taylor, P. Tuda, A. Kokkalis and D. Pauly. 2019. TropFishShiny: The click-based interface to TropFishR. Shiny

- application. <https://github.com/tokami/aps/tree/master/ShinyTropFish>.
- Mildenberger, T.K., M.H. Taylor, P. Tuda, A. Kokkalis, M. Wolff and D. Pauly. 2019. An R package for data-poor fisheries analysis. Poster presentation, Western Indian Ocean Science Association.
- Mildenberger, T.K., M.H. Taylor, A. Kokkalis and D. Pauly. 2019. TropFishR: an R package for data-poor fisheries. Poster presentation, ICES Annual Science Conference, Session N, Göteborg, Sweden.
- Pauly, D. 2017. Thoughts on UBC's Reconciliation Totem Pole. www.seaaroundus.org/about/ (April 13, 2017).
- Pauly, D. 2017. On meeting the Dalai Lama. www.seaaroundus.org/about/ (April 10, 2017).

2016-ITEMS IN PEER-REVIEWED JOURNALS

- Cisneros-Montemayor, A.M., D. Pauly, L.V. Weatherdon and Y. Ota. 2016. A Global Estimate of Seafood Consumption by Coastal Indigenous Peoples. *PLOS One*, ;11(12): e0166681.
- Khalfallah, M., K. Zylich, D. Zeller and D. Pauly. 2016. Reconstruction of domestic marine fisheries catches for Oman (1950-2015). *Frontiers in Marine Science* 3: 152, doi 10.3389/fmars.2016.00152. [Also doi.org/10.3389/fmars.2019.00128].
- Pauly, D., R. Froese and S. Holt. 2016. Balanced harvesting: the institutional incompatibilities. *Marine Policy*, doi 10.1016/j.marpol.2016.04.001.
- Miller, D., U.R. Sumaila, D. Copeland, D. Zeller, B. Soyer, T. Nikaki, G. Leloudas, S.T. Fjellberg, R. Singleton and D. Pauly. 2016. Cutting a lifeline to maritime crime: marine insurance and illegal IUU fishing. *Frontiers in Ecology and the Environment* doi 10.1002/fee.1293.
- Pauly, D. 2016. Having to science the hell out of it. *ICES Journal of Marine Science*, 73(9): 2156-2166; doi.org/10.1093/iceslms/fsw045.
- Sumaila, U.R., V.W.Y. Lam, F. Le Manach, W. Swartz and D. Pauly. 2016. Global fisheries subsidies: An updated estimate. *Marine Policy* 69:189-193.
- Zeller, D., M.L.D. Palomares, A. Tavakolie, M. Ang, D. Belhabib, W.W.L. Cheung, V.W.Y. Lam, E. Sy, G. Tsui, K. Zylich and D. Pauly. 2016. Still catching attention: *Sea Around Us* reconstructed catch data, their spatial expression and public accessibility. *Marine Policy* 70: 145-152.
- Froese, R., C.J. Walters, D. Pauly, H. Winkler, O.L.F. Weyl, N. Demirel, A.C. Tsikliras and S.J. Holt. 2016. Reply to Andersen *et al.* (2016) "Assumption behind size-based ecosystem models are realistic". *ICES Journal of Marine Science*, doi 10.1093/icesjms/fsv273.
- Froese, R., H. Winker, D. Gascuel, U.R. Sumaila and D. Pauly. 2016. Minimizing the impact of fishing. *Fish and Fisheries*, 17: 785-802.
- Belhabib, D., D. Hellebrandt Da Silva, E. Allison, D. Zeller and D. Pauly. 2016. Filling a blank on the map: 60 years of fisheries in Equatorial Guinea. *Fisheries Management and Ecology*, doi: 10.1111/fme.12161
- Ulman, A. and D. Pauly. 2016. Making history count: The shifting baselines of Turkish fisheries. *Fisheries Research* 183: 74-79.
- Bailey, M., B. Favaro, S.P. Otto, A. Charles, R. Devillers, A. Metaxas, P. Tyedmers, N.C. Ban, T. Mason, C. Hoover, T.J. Duck, L. Fanning, C. Milley A.M. Cisneros-Montemayor, D. Pauly, W.W.L. Cheung, S. Cullis-Suzuki, L. Teh and U.R. Sumaila. 2016. Canada at a crossroad: The imperative for realigning ocean policy with ocean science. *Marine Policy* 63: 53-60.
- Pauly, D. and D. Zeller. 2016. Catch reconstructions reveal that global marine fisheries catches are higher than reported and declining. *Nature Communications*, doi 10.1038/ncomms10244 , 9 p.

2016 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. and V.W.Y. Lam. 2016. Chapter 6.1: The status of fisheries in large marine ecosystems, 1950-2010, p. 113-137 *In: IOC-UNESCO and UNEP. Large Marine Ecosystems: Status and Trends*. United Nations Environment Programme, Nairobi. <http://www.geftwap.org/twap-project/publications/lmes-technical-report>
- Pauly, D. and V.W.Y. Lam. 2016. Chapter 6.1: How Sustainable are open ocean fisheries? p. 227-236 *In: IOC-UNESCO and UNEP. The Open Ocean: Status and Trends*. United Nations Environment Programme, Nairobi. http://www.geftwap.org/publications/copy_of_TWAPVolume5OpenOcean.pdf
- Lam, V.W.Y. and D. Pauly. 2016. Chapter 6.2: Fisheries Indicators for Open Ocean Areas: Catch from Bottom-Impacting Gear, Marine Trophic Index, Fishing-in-Balance Index and Demersal Fishing Effort, p. 237-245 *In: IOC-UNESCO and UNEP. The Open Ocean: Status and Trends*. United Nations Environment Programme, Nairobi. http://www.geftwap.org/publications/copy_of_TWAPVolume5OpenOcean.pdf
- Lam, V.W.Y. and D. Pauly. 2016. Chapter 6.3: Tuna Catches from 1950 to 2010: Who Catches What and Where Will This End? p. 246-251 *In: IOC-UNESCO and UNEP. The Open Ocean: Status and Trends*. United Nations Environment Programme, Nairobi. http://www.geftwap.org/publications/copy_of_TWAPVolume5OpenOcean.pdf
- Lam, V.W.Y. and D. Pauly. 2016. Chapter 6.4: Fish Catch Potential in the Open Ocean Under Different Climate Change Projection, p. 252-259 *In: IOC-UNESCO and UNEP. The Open Ocean: Status and Trends*. United Nations Environment Programme, Nairobi. http://www.geftwap.org/publications/copy_of_TWAPVolume5OpenOcean.pdf
- Cheung, W.W.C. and D. Pauly. 2016. Impacts and effects of ocean warming on marine fishes, p. 240-253 *In: D. Laffoley and J.M. Baxter (eds) Explaining Ocean Warming: Causes, Effects and Consequence*. IUCN, Gland, Switzerland.
- Cheung, W.W. L., V.W.Y. Lam, G. Reygondeau, L. Teh, C. Wabnitz, D. Al-Abdulrazzak, M. Khalfallah, M.L.D. Palomares, D. Zeller and D. Pauly. 2016. *Marine Biodiversity and Climate Change* [in the Arabian Gulf]. Technical Report, Abu Dhabi Global Environmental Data Initiative's Local, National and Regional Climate Change Programme, 93 p. https://docs.wixstatic.com/ugd/102678_897d5bd40966417e84c25e89012c4cc3.pdf
- Pauly, D. and D. Zeller. (Editors). 2016. *Global Atlas of Marine Fisheries: A critical appraisal of catches and ecosystem impacts*. Island Press, Washington D.C., xii +497 p.

- Pauly, D. 2016. On the importance of fisheries catches, with a rationale for their reconstruction, p. 1- 11 *In: D. Pauly and D. Zeller (eds) Global Atlas of Marine Fisheries: A critical appraisal of catches and ecosystem impacts*. Island Press, Washington D.C.
- Zeller, D. and D. Pauly. 2016. Marine fisheries catch reconstruction: definitions, sources, methods and challenges, p. 1- 33 *In: D. Pauly and D. Zeller (eds) Global Atlas of Marine Fisheries: A critical appraisal of catches and ecosystem impacts*. Island Press, Washington D.C.
- Le Manach, F., P. Chavance, A.M. Cisneros-Montemayor, A. Lindop, A. Padilla, L. Schiller, D. Zeller and D. Pauly. 2016. Global catches of large pelagic fishes, with emphasis on the High Seas. p. 34-45 *In: D. Pauly and D. Zeller (eds) Global Atlas of Marine Fisheries: A critical appraisal of catches and ecosystem impacts*. Island Press, Washington D.C.
- Palomares, M.L.D., W.W.L. Cheung, V.W.Y. Lam and D. Pauly. 2016. The distribution of exploited marine biodiversity, p. 46-58 *In: D. Pauly and D. Zeller (eds) Global Atlas of Marine Fisheries: A critical appraisal of catches and ecosystem impacts*. Island Press, Washington D.C.
- Lam, V.W.Y., A. Tavakolie, M.L.D. Palomares, D. Pauly and D. Zeller. 2016. The *Sea Around Us* catch database and its spatial expression, p. 59-67 *In: D. Pauly and D. Zeller (eds) Global Atlas of Marine Fisheries: A critical appraisal of catches and ecosystem impacts*. Island Press, Washington D.C.
- Cullis-Suzuki, S. and D. Pauly 2016. Global evaluation of high seas fisheries management, p. 79- 85 *In: D. Pauly and D. Zeller (eds) Global Atlas of Marine Fisheries: A critical appraisal of catches and ecosystem impacts*. Island Press, Washington D.C.
- Cheung, W.W.L. and D. Pauly. 2016. Global-scale responses and vulnerability of marine species and fisheries to climate change, p. 86-97 *In: D. Pauly and D. Zeller (eds) Global Atlas of Marine Fisheries: A critical appraisal of catches and ecosystem impacts*. Island Press, Washington D.C.
- Colléter, M., A. Valls, V. Christensen, M. Coll, D. Gascuel, J. Guitton, C. Piroddi, J. Steenbeek, J. Buszowski and D. Pauly. 2016. Modelling the global oceans with the Ecopath software suite: a brief review and application example, p. 98-109 *In: D. Pauly and D. Zeller (eds) Global Atlas of Marine Fisheries: A critical appraisal of catches and ecosystem impacts*. Island Press, Washington D.C.
- Paleczny, M., V. Karpouzi, E. Hammill and D. Pauly. 2016. Global seabird populations and their food consumption, p. 125-136 *In: D. Pauly and D. Zeller (eds) Global Atlas of Marine Fisheries: A critical appraisal of catches and ecosystem impacts*. Island Press, Washington D.C.
- Campbell, B., J. Alder, P. Trujillo and D. Pauly. 2016. A global analysis of mariculture production and its sustainability, 1950-2030, p. 137-151 *In: D. Pauly and D. Zeller (eds) Global Atlas of Marine Fisheries: A critical appraisal of catches and ecosystem impacts*. Island Press, Washington D.C.
- Booth, S., W.W.L. Cheung, A.P. Coombs-Wallace, V.W.Y. Lam, D. Zeller, V. Christensen and D. Pauly. 2016. Pollutants in the Seas Around Us, p. 152-170 *In: D. Pauly and D. Zeller (eds) Global Atlas of Marine Fisheries: A critical appraisal of catches and ecosystem impacts*. Island Press, Washington D.C.
- Divovich, E., D. Belhabib, D. Zeller and D. Pauly. 2016. Canada (East Coast), p. 215 151 *In: D. Pauly and D. Zeller (eds) Global Atlas of Marine Fisheries: A critical appraisal of catches and ecosystem impacts*. Island Press, Washington D.C.
- Pauly, D. and D. Zeller 2016. Toward a comprehensive estimate of global marine fisheries catches, p. 171-181 *In: D. Pauly and D. Zeller (eds) Global Atlas of Marine Fisheries: A critical appraisal of catches and ecosystem impacts*. Island Press, Washington D.C.
- Pauly, D. 2016. [First or co-author of 1-page accounts on the fisheries of 110 countries or parts thereof, from 'Albania' to 'USA (Pacific Island Territories)'] *In: D. Pauly and D. Zeller (eds) Global Atlas of Marine Fisheries: A critical appraisal of catches and ecosystem impacts*. Island Press, Washington D.C.
- Pauly, D. 2016. Challenges to Ocean Life: Fisheries, Global Warming and Pollution, p. 239-250 *In: R. Ragaini (ed.) International Seminars on Nuclear War and Planetary Emergencies, 48th Session, Erice, Italy*. World Scientific Publishing, Singapore. [This bizarre book presents the bizarre proceedings of a bizarre carnival-type meeting, in which, for a week, climate change denialists were kings]
- Tesfamichael D. and D. Pauly (Editors). 2016. *The Red Sea ecosystem and fisheries. Coral Reefs of the World 7*. Springer Verlag, Dordrecht. xiii + 203 p.
- Tesfamichael, D. and D. Pauly. 2016. Introduction to the Red Sea, p. 1-19 *In: D. Tesfamichael and D. Pauly (eds) The Red Sea Ecosystem and Fisheries. Coral Reefs of the World 7*. Springer Verlag, Dordrecht.
- Tesfamichael, D., R. Govender and D. Pauly. 2016. Jordan, Chapter 7, p. 93-101 *In: D. Tesfamichael and D. Pauly (eds) The Red Sea Ecosystem and Fisheries. Coral Reefs of the World 7*. Springer Verlag, Dordrecht.
- Tesfamichael, D., R. Govender and D. Pauly. 2016. Israel, Chapter 8, p. 103-110 *In: D. Tesfamichael and D. Pauly (eds) The Red Sea Ecosystem and Fisheries. Coral Reefs of the World 7*. Springer Verlag, Dordrecht.
- Lotze, H.K., R. Froese and D. Pauly. 2016. Die Meeresfischerei der Zukunft, p. 284-290 *In: J.L.Lozań, S.W. Breckle and E. Rachor (eds). Warnsignal Klima – die Biodiversität*. Verlag Wissenschaftlich Auswertungen/ GEO. [Online: www.klima-warnsignale.uni-hamburg.de]

2016 – OTHER ITEMS

- Pauly, D. 2016. Fish need habitat, not only water. *Oceana Magazine*, Fall 2016, p. 21.
- Pauly, D. 2016. Illegal fisheries along [the] West African coast – La pêche illégale le long de la côte ouest africaine. *Diplomatie: Affaires stratégiques et relations internationales*, October 2016: 68-71.
- Pauly, D. 2016. Do People Really Eat Jellyfish? *Oceana Magazine*, Spring 2016, p. 13.
- Pauly, D. 2016. A Global, Community-driven Marine Fisheries Catch Database. http://www.huffingtonpost.com/dr-daniel-pauly/a-global-community-driven_b_10332300.html
- Pauly, D. 2016. An antidote to high-tech fishing: marine protected areas. *Save Our Seas Magazine*. <http://www.saveourseasmagazine.com/antidote-high-tech-fishing/> [Also available as Without Reserves, An Ocean With "More Plastic than Fish" from <http://www.maritime-executive.com/preview/without-reserves-an-ocean-with-more-plastic-than-fish>]
- Simmons, G., H. Whittaker, N. Haworth, D. Pauly and D. Zeller. 2016. [The] Science in our study is robust. *New Zealand Herald*, May 23. http://www.nzherald.co.nz/nz/news/article.cfm?c_id=1&objectid=11643041.
- Pauly, D. 2016. Foreword, p. ii of *Common Reef Fishes of North Sulawesi, Indonesia*, by Du Jianguo and others, Science Press, Beijing, 183 p.

Pauly, D. 2016. Struggling to Breathe: The Impact of Ocean Warming on Fish and Oxygen. *Oceana Magazine*, Winter 2015/2016, p. 17.

2015-ITEMS IN PEER-REVIEWED JOURNALS

- Boonzaier, L. and D. Pauly. 2015. Marine protection targets: an updated assessment of global progress. *Oryx, The international Journal of Conservation* 50(1): 27-35.
- Pauly, D. 2015. The fisheries in the South-Western Indian Ocean, with emphasis on reconstructed catches. *Mediterranea: serie de estudios biológicos*, Epoca II, Número especial, p. 13-40.
- Schiller, L., J.-J. Alava, J. Grove, G. Reck and D. Pauly. 2015. The demise of Darwin's fishes: evidence of fishing down and illegal shark finning in the Galápagos Islands. *Aquatic Conservation: Marine and Freshwater Ecosystems* 25(3): 431-446.
- Ulman, A., A. Saad, K. Zylich, D. Pauly and D. Zeller. 2015. Reconstruction of Syria's fisheries catches from 1950-2010: Signs of overexploitation. *Acta Ictyologica et Piscatoria* 45(3): 259-272.
- Belhabib, D., A. Mendy, Y. Subah, N.T. Broh, A.S. Jueseah, N. Nipey, N. Willemse, D. Zeller and D. Pauly. 2015. Fisheries catch under-reporting in The Gambia, Liberia and Namibia and the three Large Marine Ecosystems which they represent. *Environmental Development*, 17: 157-174; doi 10.1016/j.envdev.2015.08.004.
- Al-Abdulrazzak, D., D. Zeller, D. Belhabib, D. Tesfamichael and D. Pauly. 2015. Total marine fisheries catches in the Persian/Arabian Gulf from 1950 to 2010. *Regional Studies in Marine Science*, 2: 28-34.
- Ulman, A., B.A. Çiçek, I. Salihoglu, A. Petrou, M. Patsalidou, D. Pauly and D. Zeller. 2015. Unifying the catch data of a divided island: Cyprus's marine fisheries catches, 1950-2010. *Environment, Development and Sustainability* 17(4): 801-821.
- Piroddi, C., M. Gristina, K. Zylich, K. Greer, A. Ulman, D. Zeller and D. Pauly. 2015. Reconstruction of Italy's marine fisheries removals and fishing capacity, 1950-2010. *Fisheries Research*, 172: 137-147.
- Froese, R., C. J. Walters, D. Pauly, H. Winker, O.L.F. Weyl, N. Demirel, A.C. Tsikliras, S.J. Holt. 2015. A critique of the balanced harvesting approach to fishing. *ICES Journal of Marine Science*, doi 10.1093/icesjms/fsv122.
- Ulman, A., V. Shlyakhov, S. Jatsenko and D. Pauly. 2015. A reconstruction of the Ukraine's marine fisheries catches, 1950-2010. *Journal of Black Sea/Mediterranean Environment*, 21(2): 103-124.
- Jacquet, J., J. Estes, J. Jackson, A.E. Johnson, N. Knowlton, L. McClenahan, D. Pauly and E. Sala. 2015. Ocean Calamities: Hyped Litany or Legitimate Concern? *Bioscience* 65(8): 745-746.
- Bennett, J.R., J.D. Shaw, A. Terauds, J.P. Smol, R. Aerts, D.M. Bergstrom, J.M. Blais, W.W.L. Cheung, S.L. Chown, M.-A. Lea, U.N. Nielsen, D. Pauly, K.J. Reimer, M.J. Riddle, I. Snape, J.S. Stark, V.J. Tulloch, H.P. Possingham. 2015. Polar lessons learned: informing long-term management based on shared threats in Arctic and Antarctic environments. *Frontiers in Ecology and the Environment* 13(6): 316-324.
- Belhabib, D., U.R. Sumaila and D. Pauly. 2015. Feeding the poor: contribution of West African fisheries to employment and food security. *Ocean & Coastal Management*, 111: 72-81.
- Paleczny, M., E. Hammill, V. Karpouzi and D. Pauly. 2015. Population trend of the world's monitored seabirds, 1950-2010. *PLoS ONE* 10(6): e0129342. doi 10.1371/journal.pone.0129342.
- Belhabib, D., U.R. Sumaila, V.W.Y. Lam., D. Zeller, P. Le Billon, E.A. Kane and D. Pauly. 2015. Euro vs. Yuan: Comparing European and Chinese fishing access in West Africa. *PL One* 10(3): e0118351.
- Pauly, D. 2015. Tenure, the Canadian tar sands and 'ethical oil'. *Ethics in Science and Environmental Politics* 15: 55-57.
- Colléter, M., A. Valls., J. Guitton, D. Gascuel, D. Pauly and V. Christensen. 2015. Global overview of the applications of the Ecopath with Ecosim modeling approach using the EcoBase model repository. *Ecological Modelling* 302: 42-53.
- Sumaila, U.R., V.W.Y. Lam, D. Miller, L. Teh, R. Watson, D. Zeller, W.W.L. Cheung, I. Côté, A. Rogers, C. Roberts, E. Sala and D. Pauly. 2015. Winners and losers in a world where the high sea is closed to fishing. *Scientific Reports* 5: 8481, doi 10.1038/srep08481.
- Belhabib, D., V. Koutob, A. Sall, V.W.Y. Lam, D. Zeller and D. Pauly. 2015. Counting pirogues and missing the boat: Reply to Chaboud et al.'s comment on Belhabib et al. "Fisheries catch misreporting and its implications: the case of Senegal". *Fisheries Research* 164: 325-328.
- Zeller, D., S. Harper, K. Zylich and D. Pauly. 2015. Synthesis of under-reported small-scale fisheries catch in Pacific-island waters. *Coral Reefs* 34(1): 25-39.
- Pauly, D. and A. Grüss. 2015. Q&A: The Present and the Future of World and U.S. Fisheries—Interview with Daniel Pauly. *Fisheries*, 40(1): 37-41.
- Pauly, D. and A. Charles. 2015. Counting on Small-Scale Fisheries. *Letter to Science*. 347(6219): 242-243.
- Cheung, W.W.L., R.D. Brodeur, T.A. Okey and D. Pauly. 2015. Projecting future changes in distributions of pelagic fish species of Northeast Pacific shelf seas. *Progress in Oceanography* 130: 19-31.

2015 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Belhabib, D., M. Ang, V.W.Y. Lam and D. Pauly. 2015. The fisheries of West Africa and Climate Change. *Sea Around Us Report to the 'Partenariat Régional pour la Conservation Marine/Regional Partnership for Coastal and Marine Conservation,'* University of British Columbia, Vancouver, 19 p.
- van der Meer, L. and D. Pauly (Editors). 2015. Reconstrucción estadística de pesquerías chilenas e islas oceánicas. *Oceana*, Santiago, 47 p.
- Freire, K.M.F. and D. Pauly (Editors). 2015. Fisheries catch reconstructions for Brazil's mainland and oceanic islands. *Fisheries Centre Research Reports* 23(4), 48 p.
- Belhabib, D. and D. Pauly (Editors). 2015. *Fisheries catch reconstructions: West Africa, Part II*. Fisheries Centre Research Reports, 23(3), 127 p.
- Belhabib, D. and D. Pauly. 2015. Fisheries in troubled waters: a catch reconstruction for Guinea-Bissau, 1950-2010, p. 1-16. In: D. Belhabib and D. Pauly (eds) *Fisheries catch reconstructions: West Africa, Part II*. Fisheries Centre Research Reports 23(3). [Also available as Belhabib, D. and D. Pauly. 2015. Fisheries in troubled waters: a catch reconstruction for Guinea-Bissau, 1950-2010. Fisheries Centre Working

- Paper #2015-72, University of British Columbia, Vancouver, 21 p.]
- Belhabib, D. and D. Pauly. 2015. Côte d'Ivoire: fisheries catch reconstruction, 1950-2010. p. 17-36. *In: D. Belhabib and D. Pauly (eds) Fisheries catch reconstructions: West Africa, Part II*. Fisheries Centre Research Reports 23(3). [Also available as Belhabib, D. and D. Pauly. 2015. Côte d'Ivoire fisheries catch reconstruction, 1950-2010. Fisheries Centre Working Paper #2015-66, University of British Columbia, Vancouver, 33 p.]
- Belhabib, D., V. Koutob and D. Pauly. 2015. The marine fisheries of Togo, the 'heart of West Africa,' 1950 to 2010, p. 37-50. *In: D. Belhabib and D. Pauly (eds) Fisheries catch reconstructions: West Africa, Part II*. Fisheries Centre Research Reports 23(3). [Also available as: Belhabib, D., V. Koutob, D. Zeller and D. Pauly. 2015. The marine fisheries of Togo, the 'Heart of West Africa', 1950 to 2010. Fisheries Centre Working Paper #2015-70, University of British Columbia, Vancouver, 28 p.]
- Belhabib, D. and D. Pauly. 2015. Benin's fisheries: a catch reconstruction, 1950 to 2010, p. 51-64 *In: D. Belhabib and D. Pauly (eds) Fisheries catch reconstructions: West Africa, Part II*. Fisheries Centre Research Reports 23(3). [Also available as Belhabib, D. and D. Pauly. 2015. Benin fisheries: a catch reconstruction, 1950-2010. Fisheries Centre Working Paper #2015-03, Fisheries Centre, University of British Columbia, Vancouver. p. 13.]
- Etim, L., D. Belhabib and D. Pauly, D. 2015. An overview of the Nigerian marine fisheries and a re-evaluation of its catch data for the years 1950-2010, p. 66-76 *In: D. Belhabib and D. Pauly (eds) Fisheries catch reconstructions: West Africa, Part II*. Fisheries Centre Research Reports 23(3). [Also available as Etim, L., D. Belhabib and D. Pauly. 2015. An overview of the Nigerian marine fisheries subsector and a re-evaluation of its catch data over the past 60 years (1950-2010). Fisheries Centre Working Paper #2015-68, University of British Columbia, Vancouver, 16 p.]
- Belhabib, D. and Pauly, D. (2015) Benin's fisheries: a catch reconstruction, 1950 to 2010. pp. 51-64 *In: D. Belhabib and D. Pauly (eds). Fisheries catch reconstructions: West Africa, Part II*. Fisheries Centre Research Reports 23(3).
- Belhabib, D. and D. Pauly. 2015. Reconstructing fisheries catches for Cameroon between 1950-2010, p. 77-84. *In: D. Belhabib and D. Pauly (eds). Fisheries catch reconstructions: West Africa, Part II*. Fisheries Centre Research Reports 23(3).
- Belhabib, D. and D. Pauly. 2015. The implications of misreporting on catch trends: a catch reconstruction for the People's Republic of the Congo, 1950-2010. p. 95-106. *In: D. Belhabib and D. Pauly (eds). Fisheries catch reconstructions: West Africa, Part II*. Fisheries Centre Research Reports 23(3).
- Belhabib, D., S. Ramdeen and D. Pauly. 2015. An attempt at reconstructing the marine fisheries catches in the Congo (Ex-Zaïre), 1950-2010. p. 107-114. *In: D. Belhabib and D. Pauly (eds). Fisheries catch reconstructions: West Africa, Part II*. Fisheries Centre Research Reports 23(3).
- Le Manach, F. and D. Pauly (Editors). 2015. *Fisheries Catch Reconstructions in Western Indian Ocean*. Fisheries Centre Research Reports 23(2), 161 p.
- Colléter, M., A. Darar Djibril, G. Hosch, P. Labrosse, Y. Yvergniaux, F. Le Manach and D. Pauly. 2015. Le développement soutenu des pêcheries artisanales : reconstruction des captures marines à Djibouti de 1950 à 2010 [with an extended English abstract], p. 13-25 *In : F. Le Manach and D. Pauly (eds) Fisheries catch reconstructions in the Western Indian Ocean, 1950-2010*. Fisheries Centre Research Reports 23(2).
- Le Manach, F. and D. Pauly 2015. First estimate of unreported catch in the French Îles Éparses, 1950-2010, p. 27-35 *In: F. Le Manach and D. Pauly (eds) Fisheries catch reconstructions in the Western Indian Ocean, 1950-2010*. Fisheries Centre Research Reports 23(2).
- Le Manach, F., C.A. Abunge, T.R. McClanahan and D. Pauly 2015. Tentative reconstruction of Kenya's marine fisheries catches, 1950-2010, p. 37-51 *In: F. Le Manach and D. Pauly (eds) Fisheries catch reconstructions in the Western Indian Ocean, 1950-2010*. Fisheries Centre Research Reports 23(2).
- Le Manach, F., P. Bach, L. Barret, D. Guyomard, P.G. Fleury, P.S. Sabarros and D. Pauly. 2015. Reconstruction of the domestic and distant water fisheries catch of La Réunion (France), 1950-2010, p. 83-98 *In: F. Le Manach and D. Pauly (eds) Fisheries catch reconstructions in the Western Indian Ocean, 1950-2010*. Fisheries Centre Research Reports 23(2).
- Le Manach, F., P. Bach, L. Boistol, J. Robinson and D. Pauly. 2015. Artisanal fisheries in the world's second largest tuna fishing ground – Reconstruction of the Seychelles' marine fisheries catch, 1950-2010, p. 99-110 *In: F. Le Manach and D. Pauly (eds) Fisheries catch reconstructions in the Western Indian Ocean, 1950-2010*. Fisheries Centre Research Reports 23(2).
- Palomares, M.L.D. and D. Pauly (Editors). 2015. *Marine Fisheries Catches of Sub-Antarctic Islands, 1950-2010*, Fisheries Centre Research Reports 23(1), 45 p.
- Palomares, M.L.D. and D. Pauly. 2015. Fisheries of the Falkland Islands and the South Georgia, South Sandwich and South Orkney Islands, p. 1-20 *In: M.L.D. Palomares and D. Pauly (eds) Marine Fisheries Catches of Sub-Antarctic Islands, 1950-2010*, p. 1-20. Fisheries Centre Research Reports 23(1).
- Padilla, A., K. Zyllich, D. Zeller and D. Pauly. 2015. The fish and fisheries of Bouvet Island, p. 21-30 *In: M.L.D. Palomares and D. Pauly (eds). Marine Fisheries Catches of Sub-Antarctic Islands, 1950-2010*, p. 1-20. Fisheries Centre Research Reports 23(1).

2015 – OTHER ITEMS

- Pauly, D. 2015. What is so good about mussels and oysters? *Oceana Magazine*, Winter 2015, p. 17.
- Halouani, G., F. Lasram, M. Khalfallah, D. Zeller and D. Pauly. 2015. Reconstruction of Marine Fisheries catches for Tunisia (1950-2010). *Fisheries Centre Working Paper #2015-95*, University of British Columbia, Vancouver, 11 p.
- Bailly, N., M.L.D. Palomares, E. Capuli, R.R. Valdestamon, D. Pauly, R. Froese. 2015. years of FishBase old and new challenges: an example about large Mediterranean islands fish diversity. [Abstract @@]
- Froese, R., D. Pauly and FishBase Collaboration. 2015. 25 years of FishBase: Summary of a success story 25 next years: Future developments Presented by Nicolas Bailly. [Abstract @@]

- Carreras, M., M. Coll, A. Quetglas, R. Goñi, X. Pastor, M.J. Cornax, M. Iglesias, E. Massuti, P. Oliver, R. Aguilar, A. Au, K. Zylich and D. Pauly. 2015. Knowing the past to improve the future: Estimating historical fishing catches to improve fisheries management in the western Mediterranean Sea. Poster: CM 2015/ L.
- Funes, M., K. Zylich, E. Divovich, D. Zeller, A. Lindop, D. Pauly and S. Box. 2015. Honduras, a fish exporting country: Preliminary reconstructed marine catches in the Caribbean Sea and the Gulf of Fonseca, 1950 – 2010. *Fisheries Centre Working Paper #2015-90*, University of British Columbia, Vancouver, 16 p.
- Khalfallah, M., K. Zylich, D. Zeller and D. Pauly. 2015. Reconstruction of marine fisheries catches for Oman (1950-2010). *Fisheries Centre Working Paper #2015-89*, University of British Columbia, Vancouver, 11 p.
- Pauly, D. 2015. What is IUU? *Oceana Magazine*, Spring 2015, p. 17.
- Simmons, G., G. Bremner, C. Stringer, B. Torkington, L.C.L. Teh, K. Zylich, D. Zeller, D. Pauly and H. Whittaker. 2015. Reconstruction of marine fisheries catches for New Zealand (1950-2010). *Fisheries Centre Working Paper #2015-87*, University of British Columbia, Vancouver, 33 p.
- Ulman, A., V. Shlyakhov, S. Jatsenko and D. Pauly. 2015. A reconstruction of the Ukraine's marine fisheries catches, 1950-2010. *Fisheries Centre Working Paper #2015-86*, University of British Columbia, Vancouver, 23 p.
- Pauly, D. 2015. What are catch reconstructions? *Oceana Magazine*, Fall 2015, p. 17.
- Pauly, D. 2015. The fisheries of the Western Indian Ocean in the context of global fisheries development (Abstract, p. 29), In: Handbook of the 2nd International Conference on Fisheries, Aquaculture in the Indian Ocean, Sultan Qaboos University, Muscat, Oman.
- Mahmoud, H., L.C.L. Teh, M. Khalfallah and D. Pauly. 2015. Reconstruction of marine fisheries statistics in the Egyptian Mediterranean Sea, 1950-2010. *Fisheries Centre Working Paper #2015-85*, University of British Columbia, Vancouver, 16 p.
- Divovich, E., B. Jovanović, K. Zylich, S. Harper, D. Zeller and D. Pauly. 2015. Caviar and politics: A reconstruction of Russia's marine fisheries in the Black Sea and Sea of Azov from 1950 to 2010. *Fisheries Centre Working Paper #2015-84*, University of British Columbia, Vancouver, 24 p.
- Doherty, B., D. Gibson, Y. Zhai, A. McCrea-Strub, K. Zylich, D. Zeller and D. Pauly. 2015. Reconstruction of marine fisheries catches for Subarctic Alaska, 1950-2010. *Fisheries Centre Working Paper #2015-82*, University of British Columbia, Vancouver, 34 p.
- Ulman, A., A. Saad, K. Zylich, D. Pauly and D. Zeller. 2015. Reconstruction of Syria's fisheries catches from 1950-2010: Signs of overexploitation. *Fisheries Centre Working Paper #2015-80*, University of British Columbia, Vancouver, 26 p.
- Hornby, C., B. Bhathal, D. Pauly and D. Zeller. 2015. Reconstruction of India's marine fish catch from 1950-2010. *Fisheries Centre Working Paper #2015-77*, University of British Columbia, Vancouver, 42 p.
- Hornby, C., M. Arun Kumar, B. Bhathal, D. Pauly and D. Zeller. 2015. Reconstruction of the Andaman and Nicobar Islands marine fish catch from 1950-2010. *Fisheries Centre Working Paper #2015-75*, University of British Columbia, Vancouver, 27 p.
- Seto, K., D. Belhabib, D. Copeland, M. Vakily, H. Seilert, S. Sankoh, A. Baio, I. Turay, S. Harper, D. Zeller, K. Zylich and D. Pauly. 2015. Colonialism, conflict and fish: a reconstruction of marine fisheries catches for Sierra Leone, 1950-2010. *Fisheries Centre Working Paper #2015-74*, University of British Columbia, Vancouver, 23 p.
- Belhabib, D., D. Hellebrandt da Silva, E.H. Allison and D. Pauly. 2015. Equatorial Guinea: a catch reconstruction (1950-2010). *Fisheries Centre Working Paper #2015-71*, University of British Columbia, Vancouver, 24 p.
- Belhabib, D., N.E. Willemse and D. Pauly. 2015. A fishery tale: Namibian fisheries between 1950 and 2010. *Fisheries Centre Working Paper #2015-65*, University of British Columbia, Vancouver, 17 p.
- Pauly and V. Budimartono (eds) *Marine Fisheries Catches of Western, Central and Eastern Indonesia, 1950-2010*. Fisheries Centre Working Paper #2015-61, 51 p.
- Budimartono, V., M. Badrudin, E. Divovich and D. Pauly. 2015. A reconstruction of marine fisheries catches of Indonesia, with emphasis on Central and Eastern Indonesia, 1950 – 2010, p. 2-26 In: D. Pauly and V. Budimartono (eds) *Marine Fisheries Catches of Western, Central and Eastern Indonesia, 1950-2010*. Fisheries Centre Working Paper #2015-61, University of British Columbia, Vancouver.
- Budimartono, V., M. Badrudin and D. Pauly. 2015. Indonesian marine fisheries catches in Western Indonesia (FAO Area 57) and in the Bay of Bengal large marine ecosystem project (BOBLME) area: a tentative reconstruction, 1950-2010, p. 27-51. In: D. Pauly and V. Budimartono (eds) *Marine Fisheries Catches of Western, Central and Eastern Indonesia, 1950-2010*. Fisheries Centre Working Paper #2015-61, University of British Columbia, Vancouver.
- Coll, M., M. Carreras, M.J. Cornax, E. Massuti, E. Morote, X. Pastor, A. Quetglas, R. Sáez, I. Silva, I. Sobrino, M. Torres, S. Tudela, S. Harper, D. Zeller and D. Pauly. 2015. An estimate of the total catch in the Spanish Mediterranean Sea and gulf of Cadiz regions (1950-2010). *Fisheries Centre Working Paper, #2015-60*, Fisheries Centre, University of British Columbia, Vancouver, 52 p.
- Jovanović, B., E. Divovich, S. Harper, D. Zeller and D. Pauly. 2015. Estimates of total Russian fisheries catches in the Barents Sea region (FAO 27 subarea I) between 1950 and 2010. *Fisheries Centre Working Paper #2015-59*, University of British Columbia, Vancouver, 16 p.
- Khalfallah, M., D. Zeller and D. Pauly. 2015. Reconstruction of marine fisheries catches for Fujairah (UAE) (1950-2010). *Fisheries Centre Working Paper #2015-57*, University of British Columbia, Vancouver, 13 p.
- Divovich, E., D. Belhabib, D. Zeller and D. Pauly. 2015. Eastern Canada, "a fishery with no clean hands": Marine fisheries catch reconstruction from 1950 to 2010. *Fisheries Centre Working Paper #2015-56*, University of British Columbia, Vancouver, 37 p.
- Shon, S., J.M. Delgado, T. Morato, C.K. Pham, K. Zylich, D. Zeller and D. Pauly. 2015. Reconstruction of marine fisheries catches for Madeira Island, Portugal, from 1950-2010. *Fisheries Centre Working Paper #2015-52*, University of British Columbia, Vancouver, 13 p.
- Villasante, S., G. Macho, J. Giráldez, S. Rivero Rodriguez, J. Isusu de Rivero, S. Harper, D. Zeller and D. Pauly. 2015. Estimates of total fisheries removals from the Northwest of Spain (1950-2010). *Fisheries Centre Working Paper #2015-51*, University of British Columbia, Vancouver, 21 p.
- Villasante, S., G. Macho, J. Isusu de Rivero, E. Divovich, K. Zylich, S. Harper, D. Zeller and D. Pauly. 2015. Reconstruction of Argentina's marine fisheries catches (1950-2010). *Fisheries Centre Working Paper #2015-50*, University of British Columbia, Vancouver, 16 p.

- Bănaru, D., F. Le Manach, L. Färber, K. Zylich and D. Pauly. 2015. From bluefin tuna to gobies: a reconstruction of the fisheries catch statistics in Romania, 1950-2010. *Fisheries Centre Working Paper #2015-48*, University of British Columbia, Vancouver, 10 p.
- Khalfallah, M., D. Belhabib, D. Zeller and D. Pauly. 2015. Reconstruction of Marine Fisheries catches for Libya (1950-2010). *Fisheries Centre Working Paper #2015-47*, University of British Columbia, Vancouver, 15 p.
- Khalfallah, M., M. Dimech, A. Ulman, D. Zeller and D. Pauly. 2015. Reconstruction of Marine Fisheries catches for the Republic of Malta (1950-2010). *Fisheries Centre Working Paper #2015-43*, University of British Columbia, Vancouver, 12 p.
- Bultel, E., D. Gascuel, F. Le Manach, D. Pauly and K. Zylich. 2015. Catch reconstruction for the French Atlantic coasts 1950-2010. *Fisheries Centre Working Paper #2015-37*, University of British Columbia, Vancouver, 20 p.
- Le Manach, F. and D. Pauly. 2015. Update of the fisheries catch reconstruction of Corsica (France), 1950-2010. *Fisheries Centre Working Paper #2015-33*, University of British Columbia, Vancouver, 5 p.
- Divovich, E. and Pauly, D. (2015) Oceanic islands of Brazil: catch reconstruction from 1950 to 2010). p. 31-48. *In: K.M.F. Freire and D. Pauly (eds). Fisheries catch reconstructions for Brazil's mainland and oceanic islands*. Fisheries Centre Research Reports 23(4). [Also available as Divovich, E. and D. Pauly. 2015. Oceanic islands of Brazil: Out on a limb, Catch reconstruction from 1950 to 2010. Fisheries Centre Working Paper #2015-30, University of British Columbia, Vancouver, 22 p.]
- Cinco, E.A., K. Zylich, L.C.L. Teh and D. Pauly. 2015. The marine and estuarine fisheries of Brunei Darussalam, 1950 to 2010. *Fisheries Centre Working Paper #2015-29*, University of British Columbia, Vancouver, 16 p.
- Pauly, D. and F. Le Manach. 2015. Tentative adjustments of China's marine fisheries catches (1950-2010). *Fisheries Centre Working Paper #2015-28*, Fisheries Centre, University of British Columbia, Vancouver. 16 p.
- Cisneros-Montemayor, A.M., M.A. Cisneros-Mata, S. Harper and D. Pauly. 2015. Unreported Marine Fisheries Catch in Mexico, 1950-2010. *Fisheries Centre Working Paper #2015-22*, Fisheries Centre, University of British Columbia, Vancouver, 9 p.
- Keskin, C., A. Ulman, V. Raykov, G.M. Daskalov, K. Zylich, D. Pauly and D. Zeller. 2015. Reconstruction of Fisheries Catches for Bulgaria: 1950-2010. *Fisheries Centre Working Paper #2015-20*, Fisheries Centre, University of British Columbia, Vancouver, 18 p.
- Carreras, M., M. Coll, A. Quetglas, R. Goñi, X. Pastor, M.J. Cornax, M. Iglesias, E. Massutí, P. Oliver, R. Aguilar and D. Pauly. 2015. Estimates of total fisheries removal for the Balearic Islands (1950-2010). *Fisheries Centre Working Paper #2015-19*, University of British Columbia, Vancouver, 45 p. [Spanish translation @]
- Belhabib, D., S. Ramdeen and D. Pauly. 2015. An attempt at reconstructing the marine fisheries catches in the Congo (ex-Zaïre), 1950-2010. *Fisheries Centre Working Paper #2015-06*, Fisheries Centre, University of British Columbia, Vancouver. 9 p.
- Moutopoulos, D.K., B. Bradshaw and D. Pauly. 2015. Reconstruction of Albania fishery catches by fishing gear (1950-2010). *Fisheries Centre Working Paper #2015-12*, University of British Columbia, Vancouver, 12 p.
- Pauly, D., S. Ramdeen and A. Ulman. 2015. Reconstruction of total marine catches for Aruba, Southern Caribbean, 1950-2010. *Fisheries Centre Working Paper #2015-10*, Fisheries Centre, University of British Columbia, Vancouver. 8 p.
- Belhabib, D. and D. Pauly. 2015. The implications of misreporting on catch trends: a catch reconstruction for the People's Republic of the Congo, 1950-2010. *Fisheries Centre Working Paper #2015-05*, Fisheries Centre, University of British Columbia, Vancouver. 13 p.
- Belhabib, D. and D. Pauly. 2015. Reconstructing fisheries catches for Cameroon between 1950 and 2010. *Fisheries Centre Working Paper #2015-04*, Fisheries Centre, University of British Columbia, Vancouver. 8 p.
- Kleisner, K.M., C. Brennan, A. Garland, S. Lingard, S. Tracey, P. Sahlqvist, A. Tsohos, D. Pauly and D. Zeller. 2015. Australia: Reconstructing Estimates of Total Fisheries Removals 1950-2010. *Fisheries Centre Working Paper #2015-02*, Fisheries Centre, University of British Columbia, Vancouver, p. 26
- Teh, L., D. Zeller and D. Pauly. 2015. Preliminary reconstruction of Thailand's fisheries catches: 1950-2010. *Fisheries Centre Working Paper #2015-01*, Fisheries Centre, University of British Columbia: Vancouver. p. 15.

2014-ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. and K. Stergiou. 2014. Introduction: The ethics of human impacts and the future of the Earth's ecosystems. *Ethics in Science and Environmental Politics* 14(1): 1-5.
- Pauly, D. *Homo sapiens: Cancer or Parasite? Ethics in Science and Environmental Politics*. 14(1): 7-10.
- Keskin, Ç. and D. Pauly. 2014. Changes in the 'Mean Temperature of the Catch': application of a new concept to the North-eastern Aegean Sea. *Acta Adriatica* 55(2): 213-218.
- Nunoo, F.K.E., B. Asiedu, K. Amador, D. Belhabib, V.W.Y. Lam, U.R. Sumaila and D. Pauly. 2014. Marine fisheries catches in Ghana: historic reconstruction for 1950 to 2010 and current economic impacts. *Reviews in Fisheries Science & Aquaculture* 22(4): 274-283.
- Zylich, K., S. Harper, R. Licandeo, R. Vega, D. Zeller and D. Pauly. 2014. Fishing in Easter Island: a recent history (1950-2010). *Latin American Journal of Aquatic Research* 24(4): 845-856.
- Christensen, V., C. Piroddi, M. Coll, J. Steenbeek, J. Buszowski and D. Pauly. 2014. A century of fish biomass decline in the ocean. *Marine Ecology Progress Series*, 512: 155-166.
- Kleisner, K., H. Mansour and D. Pauly. 2014. Region-based MTI: resolving geographic expansion in the Marine Trophic Index. *Marine Ecology Progress Series*, 512: 185-199.
- Al-Abdulrazzak, D. and D. Pauly. 2014. Ground-truthing the ground-truth: reply to Garibaldi et al.'s comments on: "Managing Fisheries for space: Google Earth improves estimates of distant fish catches". *ICES Journal of Marine Science*, 71: 1927-1931; doi: 10.1093/icesjms/fsu103, 5 p.
- Ainley, D. and D. Pauly. 2014. Fishing down the food web of the Antarctic continental shelf and slope. *Polar Record*, 50(1): 92-107. doi 10.1017/S0032247412000757.
- Davidson, D., J.J. Andrews and D. Pauly. 2014. The effort factor: evaluating the increasing marginal impact of resource extraction over time.

- Global Environmental Change*, 25: 63-68.
- Pauly, D., A. Ulman, C. Piroddi, E. Bultel and M. Coll. 2014. 'Reported' versus 'likely' fisheries catches of four Mediterranean countries. 11-17 In: J. Leonart and F. Maynou (eds) *The Ecosystem approach to fisheries in the Mediterranean and Black Seas. Scientia Marina*. 78S1.
- Tsikliras, A., K. Stergiou, N. Adamopoulos, D. Pauly and E. Mente. 2014. Shift in trophic level of Mediterranean mariculture species. *Conservation Biology*, 28: 1124-1128.
- Pauly, D., D. Belhabib, R. Blomeyer, W.W.L. Cheung, A. Cisneros-Montemayor, D. Copeland, S. Harper, V.W.Y. Lam, Y. Mai, F. Le Manach, H. Österblom, K.M. Mok, L. van der Meer, A. Sanz, S. Shon, U.R. Sumaila, W. Swartz, R. Watson, Y. Zhai and D. Zeller. 2014. China's distant-water fisheries in the 21st century. *Fish and Fisheries* 15(3): 474-488.
- Greer, K., S. Harper, D. Zeller and D. Pauly. 2014. Evidence for overfishing on pristine coral reefs: reconstructing coastal catches in the Australian Indian Ocean Territories. *Journal of the Indian Ocean Region*, 10(1): 67-80.
- Tesfamichael, D., T.J. Pitcher and D. Pauly. 2014. Assessing changes in fisheries using fishers' knowledge to generate long time series of catch rates: a case study from the Red Sea. *Ecology and Society* 19 (1): 18 p. [<http://www.ecologyandsociety.org/vol19/iss1/art18/>]
- Coll, M., M. Carreras, M.J. Cornax, E. Massutí, E. Morote, X. Pastor, A. Quetglas, R. Sáez, L. Silva, I. Sobrino, M.A. Torres, S. Tudela, S. Harper, D. Zeller and D. Pauly. 2014. Closer to reality: reconstructing total removals in mixed fisheries from Southern Europe. *Fisheries Research* 154: 179-194.
- Belhabib, D., V. Koutob, V.W.Y. Lam, A. Sall and D. Pauly. 2014. Fisheries catch misreporting and its implications: the case of Senegal. *Fisheries Research*, 151: 1-11.
- Pikitch, E.K., K.J. Rountos, T.E. Essington, C. Santora, D. Pauly, R. Watson, U.R. Sumaila, P.D. Boersma, I.L. Boyd, D.O. Conover, P. Cury, S.S. Heppell, E.D. Houde, M. Mangel, É. Plagányi, K. Sainsbury, R.S. Steneck, T.M. Geers, N. Gownaris and S.B. Munch. 2014. The global contribution of forage fish to marine fisheries and ecosystems. *Fish and Fisheries*, 15: 43-64.
- Pauly, D. and D. Zeller. 2014. Accurate catches and the sustainability of coral reef fisheries. 2014. *Current Opinion in Environmental Sustainability*, 7: 44-51.

2014 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. and K. Stergiou (Editors). 2014. Theme Section: The Ethics of Human Impacts and the Future of the Earth's Ecosystem. *Ethics in Science and Environmental Politics* 14(1), 41 p.
- Pauly, D. and D. Zeller (Editors). 2014. *So long and thanks for all the fish: The Sea Around Us, 1999-2014 – a fifteen-year retrospective*. A Sea Around Us Report to the Pew Charitable Trusts, University of British Columbia, Vancouver, 171 p.
- Zylich, K., S. Harper, R. Licandeo, R. Vega, D. Zeller and D. Pauly. 2014. Rapa Nui (Easter Island, Chile), p. 118. In: D. Pauly and D. Zeller (eds). *So long and thanks for all the fish: The Sea Around Us, 1999-2014 – a fifteen-year retrospective*. A Sea Around Us Report to the Pew Charitable Trusts, University of British Columbia, Vancouver.
- Belhabib, D., D. Gascuel, E.A. Kane, S. Harper, D. Zeller and D. Pauly. 2014. Mauritania, p. 116, In: D. Pauly and D. Zeller (eds). *So long and thanks for all the fish: The Sea Around Us, 1999-2014 – a fifteen-year retrospective*. A Sea Around Us Report to the Pew Charitable Trusts, University of British Columbia, Vancouver.
- Pauly, D. and D. Zeller. 2014. The view past peak catches, p. 109-112 In: D. Pauly and D. Zeller (eds). *So long and thanks for all the fish: The Sea Around Us, 1999-2014 – a fifteen-year retrospective*. A Sea Around Us Report to the Pew Charitable Trusts, University of British Columbia, Vancouver.
- Booth, S., W.W.Y. Cheung, V.W.Y. Lam, D. Zeller, V. Christensen and D. Pauly. 2014. Dioxin the seas around us, p. 99-108 In: D. Pauly and D. Zeller (eds). *So long and thanks for all the fish: The Sea Around Us, 1999-2014 – a fifteen-year retrospective*. A Sea Around Us Report to the Pew Charitable Trusts, University of British Columbia, Vancouver.
- Campbell, B., J. Alder and D. Pauly. 2014. Global trends in mariculture production, 1950-2030, p. 89-98 In: D. Pauly and D. Zeller (eds). *So long and thanks for all the fish: The Sea Around Us, 1999-2014 – a fifteen-year retrospective*. A Sea Around Us Report to the Pew Charitable Trusts, University of British Columbia, Vancouver.
- Paleczny, M., V. Karpouzi, E. Hammill and D. Pauly. 2014. Global seabird populations and their food consumption, p. 83-87 In: D. Pauly and D. Zeller (eds). *So long and thanks for all the fish: The Sea Around Us, 1999-2014 – a fifteen-year retrospective*. A Sea Around Us Report to the Pew Charitable Trusts, University of British Columbia, Vancouver.
- Colléter, M., A. Valls, V. Christensen, M. Coll, D. Gascuel, J. Guitton, C. Piroddi, J. Steenbeck, J. Buskowsky and D. Pauly. 2014. Modeling the ecosystem of the global oceans, p. 71-75 In: D. Pauly and D. Zeller (eds). *So long and thanks for all the fish: The Sea Around Us, 1999-2014 – a fifteen-year retrospective*. A Sea Around Us Report to the Pew Charitable Trusts, University of British Columbia, Vancouver.
- Cheung, W.W.L. and D. Pauly. 2014. Climate change. 63-69 In: D. Pauly and D. Zeller (eds). *So long and thanks for all the fish: The Sea Around Us, 1999-2014 – a fifteen-year retrospective*. A Sea Around Us Report to the Pew Charitable Trusts, University of British Columbia, Vancouver.
- Cullis-Suzuki, S. and D. Pauly. 2014. Global High Seas Management, p. 55-61 In: D. Pauly and D. Zeller (eds). *So long and thanks for all the fish: The Sea Around Us, 1999-2014 – a fifteen-year retrospective*. A Sea Around Us Report to the Pew Charitable Trusts, University of British Columbia, Vancouver.
- Lam, V.W.Y., A. Tavakolie, D. Pauly and D. Zeller. 2014. The distribution of exploited marine biodiversity, p. 39-48 In: D. Pauly and D. Zeller (eds). *So long and thanks for all the fish: The Sea Around Us, 1999-2014 – a fifteen-year retrospective*. A Sea Around Us Report to the Pew Charitable Trusts, University of British Columbia, Vancouver.
- Palomares, M.L.D., W.W.L. Cheung, V.W.Y. Lam and D. Pauly, 2014. The distribution of exploited marine biodiversity, p. 33-38 In: D. Pauly and D. Zeller (eds). *So long and thanks for all the fish: The Sea Around Us, 1999-2014 – a fifteen-year retrospective*. A Sea Around Us Report to the Pew Charitable Trusts, University of British Columbia, Vancouver.

- Le Manach, F., A.M. Cisneros-Montemayor, A. Lindop, A. Padilla, L. Schiller, D. Zeller and D. Pauly. 2014. Global catches of large pelagic fishes, with emphasis on tuna in the high seas, p. 25-32 In: D. Pauly and D. Zeller (eds). *So long and thanks for all the fish: The Sea Around Us, 1999-2014 – a fifteen-year retrospective*. A *Sea Around Us* Report to the Pew Charitable Trusts, University of British Columbia, Vancouver.
- Zeller, D. and D. Pauly. 2014. Marine fisheries catch reconstructions: how to do it. 15-23 In: D. Pauly and D. Zeller (eds). *So long and thanks for the all fish: The Sea Around Us, 1999-2014 – a fifteen-year retrospective*. A *Sea Around Us* Report to the Pew Charitable Trusts, University of British Columbia, Vancouver.
- Pauly, D. 2014. On the importance of fisheries catches, p. 9-13 In: D. Pauly and D. Zeller (eds). *So long and thanks for all the fish: The Sea Around Us, 1999-2014 – a fifteen-year retrospective*. A *Sea Around Us* Report to the Pew Charitable Trusts, University of British Columbia, Vancouver.
- Zylich, K., D. Zeller, M. Ang and D. Pauly (eds) 2014. *Fisheries catch reconstructions: Islands, Part IV*. Fisheries Centre Research Report 22(2), 157 p.
- Smith, P., M. Bustamante *et al.* (lead authors); G. Berndes, [...], D. Pauly *et al.* (contributing authors). 2014. Chapter 11: Agriculture, Forestry and Other Land Uses (AFOLU), In: *5th Assessment, Intergovernmental Panel on Climate Change, Working Group III*. http://www.ipcc.ch/pdf/assessment-report/ar5/wg3/ipcc_wg3_ar5_chapter11.pdf
- Zeller, D. and D. Pauly. 2014. Reconstruction of domestic fisheries catches in the Chagos Archipelago: 1950 – 2010, p. 17-24 In: K. Zylich, D. Zeller, M. Ang and D. Pauly (eds). *Fisheries catch reconstruction: Island, Part IV*. Fisheries Centre Research Report 22(2).
- Pauly, D. 2014. Foreword, p. xvii – xviii In: J.N. Kittinger, L. McClenachan, K.B. Gedan and L.K. Blight (eds) *Marine historical ecology in conservation: applying the past to manage for the future*. University of California Press, Berkeley.
- Pauly, D. and W.W.L. Cheung. 2014. Inferring past temperatures from middens and similar sources of species assemblages. Box, p. 54-55 In: J.N. Kittinger, L. McClenachan, K.B. Gedan and L.K. Blight (eds) *Marine historical ecology in conservation: applying the past to manage for the future*. University of California Press, Berkeley.
- Al-Abdulrazzak, D., D. Pauly and D. Zeller. 2014. Understanding fisheries through historical reconstructions: Implications for fishery management and policy, p. 119-133. In: J.N. Kittinger, L. McClenachan, K.B. Gedan and L.K. Blight (eds) *Marine historical ecology in conservation: applying the past to manage for the future*. University of California Press, Berkeley.
- Pauly, D. and R. Froese. 2014. Fisheries Management. In: eLS 2014, John Wiley & Sons Ltd: Chichester <http://www.els.net/> [doi: 10.1002/9780470015902.a0003252.pub3] <http://onlinelibrary.wiley.com/doi/10.1002/9780470015902.a0003252.pub3/pdf>
- Palomares, M.L.D. and D. Pauly (Editors). 2014. *Philippine Marine Fisheries Catches: A Bottom-up Reconstruction, 1950 to 2010*. Fisheries Centre Research Report, 22(1), 171 p.
- Palomares, M.L.D., V.A. Parducho, M.A. Bimbao, E. Ocampo and D. Pauly. 2014. Philippine marine fisheries 101, p. 1-13 In: M.L.D. Palomares, M.L.D. and D. Pauly (eds) *Philippine Marine Fisheries Catches: A Bottom-up Reconstruction, 1950 to 2010*. Fisheries Centre Research Report 22(1).
- Palomares, M.L.D. and D. Pauly. 2014. Reconstructing Philippine marine fisheries catches: a rationale and a methodology, p. 14-28 In: M.L.D. Palomares and D. Pauly (eds) *Philippine Marine Fisheries Catches: A Bottom-up Reconstruction, 1950 to 2010*. Fisheries Centre Research Report 22(1).
- Palomares, M.L.D. and D. Pauly. 2014. Reconstructed marine fisheries catches of the Philippines, 1950-2010, p. 129-138 In: M.L.D. Palomares and D. Pauly (eds) *Philippine Marine Fisheries Catches: A Bottom-up Reconstruction, 1950 to 2010*. Fisheries Centre Research Report 22(1).

2014 – OTHER ITEMS

- Brown, J., D. Al-Abdulrazzak, D. Pauly and D. Zeller. 2014. Too many boats, not enough fish. Op-ed, *Gulf Times* (Qatar).
- Pauly, D. 2014. How do we know how many fish there are in the sea? *Oceana Magazine*, Summer 2014, p. 17.
- Piroddi, C., M. Gristina, K. Zylich, A. Ulman, D. Zeller and D. Pauly. 2014. Reconstruction of Italy's marine fisheries catches (1950-2010). *Fisheries Centre Working Paper #2014-22*, Fisheries Centre, University of British Columbia, Vancouver. 41 p.
- Pauly, D. 2014. What's the Catch? Blogpost; www.pgafamilyfoundation.org/news/news-articles/2014/12/whats-the-catch.
- Colléter, M., D. Gascuel and D. Pauly, 2014. A meta-analysis of ecosystems' trophic functioning: identification of typical trophic behavior and associated responses to fishing impact, p. 94-95. In: J. Steenbeek, C. Piroddi, M. Coll, J.J. Heymans, S. Villasante and V. S., Christensen (eds) *Ecopath 30 Years Conference Proceedings: Extended Abstracts*, p. 94. Fisheries Centre Research Reports 22(3).
- Beveridge, M., U. Dieckmann, H.O. Fock, R. Froese, M. Keller, U. Löwenberg, G. Merino, C. Möllmann, D. Pauly, M. Prein, M. Quaas, J. Schmidt, C. Schulz, R. Voss and C. Zimmermann. 2013. *World Ocean Review 2013: Living with the ocean: 2. The Future of Fish - The Fisheries of the Future Mare*, Hamburg. ISBN 978-3-86648-201-2
- Nunoo, F.K.E., B. Asiedu, K. Amador, D. Belhabib and D. Pauly. 2014. Reconstruction of marine fisheries catches for Ghana, 1950-2010. *Fisheries Centre Working Paper #2014-13*, University of British Columbia, Vancouver. 25 p.
- Colléter, M., A. Valls, J. Guitton, L. Morissette, F. Arreguin-Sanchez, V. Christensen, D. Gascuel and D. Pauly, 2014. EcoBase: a repository solution to gather and communicate information from EwE models, p. 206-207. In: J. Steenbeek, C. Piroddi, M. Coll, J.J. Heymans, S. Villasante and V. Christensen (eds), *Ecopath 30 Years Conference Proceedings: Extended Abstracts*, p. 94. Fisheries Centre Research Reports 22(3).
- Palomares, M.L.D., E. Taylor and D. Pauly (Editors). 2014. *Big old data and shiny new insights: using FishBase for research. Book of Abstracts. 12th FishBase Symposium, Beaty Museum of Biodiversity*. University of British Columbia, Vancouver, Canada. A report prepared by the *Sea Around Us* to the Paul G Allen Family Foundation and the Pew Charitable Trusts, 98 p.
- Pauly, D. 2014. Symposium rationale, p. 11-12 In: M.L.D. Palomares, E. Taylor and D. Pauly (eds) *Big old data and shiny new insights: using FishBase for research. Book of Abstracts. 12th FishBase Symposium, Beaty Museum of Biodiversity*. University of British Columbia, Vancouver, Canada. A report prepared by the *Sea Around Us* to the Paul G Allen Family Foundation and the Pew Charitable Trusts.
- Pauly, D. 2014. Fishing more, catching less. *The New York Times*. March 26, 2014. [<http://goo.gl/wc75xE>]

- Zylich, K., S. Harper, R. Licandeo, R. Vega, D. Zeller and D. Pauly. 2014. Fishing in Easter Island, a recent history (1950-2010)/ La Pesca en Isla de Pascua, una historia reciente (1950-2010). *Fisheries Centre Working Paper #2014-07*, University of British Columbia, Vancouver. 19 p.
- Pauly, D. 2014. What is Maximum Sustainable Yield? *Oceana Magazine*, Spring 2014, p. 18.
- Belhabib, D., V. Koutob, N. Lazar, V. Ndiaye, J. Tobey, C. Mathews, V.W.Y. Lam and D. Pauly 2014. Beyond the unseen: a first collaborative model towards estimating illegal, unreported and unregulated catches off Senegal. *Fisheries Centre Working Paper #2014-05*, Fisheries Centre, University of British Columbia, Vancouver. 22 p.

2013-ITEMS IN PEER-REVIEWED JOURNALS

- Watson, R. and D. Pauly. 2013. Coastal catch transects as a tool for studying global fisheries. *Fish and Fisheries*. www.doi 10.1111/faf.12025.
- Watson, R. and D. Pauly. 2013. The changing face of global fisheries – the 1950s vs. the 2000s. *Marine Policy* 42: 1-4.
- Al-Abdulrazzak, D. and D. Pauly. 2013. Managing fisheries from space: Google Earth improves estimates of distant fish catches. *ICES Journal of Marine Science*, 71: 450-451, doi 10.1093/icesjms/fst178.
- Le Manach, F., C. Chaboud, D. Copeland, P. Cury, D. Gascuel, K.M. Kleisner, A. Standing, U.R. Sumaila, D. Zeller and D. Pauly. European Union's public fishing access agreements in developing countries. *PLOS One* 8(11): e79899.
- Ndobe, S., Soemarno, E.Y. Herawati, D. Setyohadi, A. Moore, M.L.D. Palomares and D. Pauly. 2013. Life History of Banggai Cardinalfish (*Pterapogon kauderni*; Pisces, Apogonidae) in Banggai Islands and Palu Bay, Sulawesi, Indonesia. *Acta Ichthyologica et Piscatoria* 43(3): 237-250.
- Booth, S., J. Hui, Z. Alojado, V.W.Y. Lam, W.W.L. Cheung, D. Zeller, D. Steyn and D. Pauly. 2013. Global deposition of airborne dioxin. *Marine Pollution Bulletin* 75(1-2): 182-186.
- Kleisner, K., C. Longo, M. Coll, B.S. Halpern, D. Hardy, S.K. Katona, F. Le Manach, D. Pauly, A.A. Rosenberg, J.F. Samhuri, C. Scarborough, U.R. Sumaila, R. Watson and D. Zeller. 2013. Exploring patterns of seafood provision revealed in the global Ocean Health Index. *AMBIO: A Journal of the Human Environment* 42: 910-922.
- Cheung, W.W.L., D. Pauly and J. Sarmiento. 2013. How to make scientific progress in projecting climate change impacts. *ICES Journal of Marine Sciences* 70(6): 1069-1074.
- Ulman, A., Ş. Bekişoğlu, M. Zengin, S. Knudsen, V. Ünal, C. Mathews, S. Harper, D. Zeller and D. Pauly. 2013. From bonito to anchovy: a reconstruction of Turkey's marine fisheries catches (1950-2010). *Mediterranean Marine Science* 14(2): 309-342.
- Cheung, W.W.L., R. Watson and D. Pauly. 2013. Signature of ocean warming in global fisheries catch. *Nature* 497: 365-368.
- Halpern, B.S., S.D. Gaines, K. Kleisner, C. Longo, D. Pauly, A.A. Rosenberg, J.F. Samhuri and D. Zeller. 2013. Reply to: 'Is the ocean food provision index biased?' *Nature* 495, E7. doi 10.1038/nature11974.
- Froese, R., D. Zeller, K. Kleisner and D. Pauly. 2013. Worrying trends in global stock status continue unabated: a response to a comment by R.M. Cook on "What catch data can tell us about the status of global fisheries". *Marine Biology*, 160(9): 2531-2533.
- Pauly, D. 2013. Does catch reflect abundance? Yes, it is a crucial signal. *Nature* 494: 303-305.
- Watson, R., D. Zeller and D. Pauly. 2013. Primary productivity demands of global fisheries. *Fish and Fisheries*.doi 10.1111/faf.12013.
- Cisneros-Montemayor, A., M.A. Cisneros-Mata, S. Harper and D. Pauly. 2013. Extent and implications of IUU catch in Mexico's marine fisheries. *Marine Policy*. 39: 283-288. doi 10.1016/j.marpol.2012.12.003.
- Watson, R., W.W.L. Cheung, J. Anticamara, U.R. Sumaila, D. Zeller and D. Pauly. 2013. Global marine yield halved as fishing intensity redoubles. *Fish and Fisheries*, 14: 493-503. doi 10.1111/j.1467-2979.2012.00483.x.
- Cheung, W.W.L., J.L. Sarmiento, J. Dunne, T.L. Frölicher, V.W.Y. Lam, M.L.D. Palomares, R. Watson and D. Pauly. 2013. Shrinking of fishes exacerbates impacts of global ocean changes on marine ecosystems. *Nature Climate Change*, 3: 254-258. doi 10.1038/NCLIMATE1691.
- Campbell, B. and D. Pauly. 2013. Mariculture: A global analysis of production trends since 1950. *Marine Policy* 39: 94-100. doi 10.1016/j.marpol.2012.10.009.
- Kleisner, K., D. Zeller, R. Froese and D. Pauly. 2013. Using global catch data for inferences on the world's marine fisheries. *Fish and Fisheries*. 14: 293-311. doi 10.1111/j.1467-2979.2012.00469.x.
- Harper, S., D. Zeller, M. Hauzer, D. Pauly and U.R. Sumaila. 2013. Women and fisheries: contributions to food security and local economies. *Marine Policy* 39: 56-63. doi 10.1016/j.marpol.2012.10.018.

2013 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Ramdeen, R., N. Smith, L. Frotté, S. Lingard, S. Harper, D. Zeller and D. Pauly. 2013. Reconstructed total catches by the marine fisheries of countries of the wider Caribbean (1950 -2010), p. 69-75 *In: Proceedings of the 65th Meeting of the Gulf and Caribbean Fisheries Institute, Santa Marta, Colombia, 5-9 November 2012*. Vol. 65, Fort Pierce, Fla.
- Pauly, D. and A. Greenberg (Editors). 2013. ELEFAN in R: A new tool for length-frequency analysis. *Fisheries Centre Research Reports* 21(3) Fisheries Centre, University of British Columbia, Canada, 52 p.
- Pauly, D. 2013. The ELEFAN system for analysis of length-frequency data from fish and aquatic invertebrate populations. p. 1-25. *In: D. Pauly and A. Greenberg (eds) ELEFAN in R: a new tool for length-frequency analysis*. Fisheries Centre Research Reports 21(3). Fisheries Centre, University of British Columbia, Canada.
- Greenberg, A. and D. Pauly. 2013. Using ELEFAN in R system, p.27-46. *In: D. Pauly and A. Greenberg (eds) ELEFAN in R: A new tool for length-frequency analysis*. Fisheries Centre Research Reports 21(3) Fisheries Centre, University of British Columbia, Canada
- Sumaila, U.R., V.W.Y. Lam, F. Le Manach, W. Swartz and D. Pauly. 2013. *Global fisheries subsidies*. European Parliament, Directorate General for Internal Policies. Policy Department B: Structural and Cohesion Policies - Fisheries. Brussels, 44 p.

Available as an e-book at <http://bookshop.europa.eu/en/global-fisheries-subsidies-pbBA0213410/>

- Kleisner, K., D. Pauly, D. Zeller, M.L.D. Palomares, D. Knip, A. Tavakolie, L. Boonzaier and A. Cisneros-Montemayor. 2013. *Country performance in Living Marine Resources Exploitation and Governance: A Foundation for Decision-Making*. A report prepared by the Sea Around Us Project for the Rockefeller Foundation, 90 p.
- Pauly, D. and W.W.L. Cheung. 2013. Fish have temperature, p. 11-16 In: K. Stergiou, D. Bobori and A. Tsikliras (eds) *More Fish and More: Proceedings of the 11th FishBase Symposium*. Aristotle University of Thessaloniki, Thessaloniki, Greece.
- Al-Abdulrazzak, D. and D. Pauly (Editors). 2013. *From Dhows to Trawlers: A Recent History of Fisheries in the Gulf Countries, 1950 to 2010*. Fisheries Centre Research Report 21 (2), 61 p.
- Al-Abdulrazzak, D. and D. Pauly. 2013. Reconstructing Iraq's Fisheries: 1959-2010, p. 19-24. In: D. Al-Abdulrazzak and D. Pauly (eds) *From Dhows to Trawlers: A Recent History of Fisheries in the Gulf Countries, 1950 to 2010*. Fisheries Centre Research Report 21 (2).
- Tesfamichael, D. and D. Pauly. 2013. Catch Reconstruction of the Fisheries of Saudi Arabia in the Gulf, 1950-2010, p. 41-54 In: D. Al-Abdulrazzak and D. Pauly (eds) *From Dhows to Trawlers: A Recent History of Fisheries in the Gulf Countries, 1950 to 2010*. Fisheries Centre Research Report 21 (2).
- Colléter, M., A. Valls, J. Guitton, L. Morissette, F. Arreguín-Sánchez, V. Christensen, D. Gascuel and D. Pauly. 2013. *EcoBase: a repository solution to gather and communicate information from EwE models*. Fisheries Centre Research Report 21(1), 56 p.
- Pauly, D. 2013. Beyond duplicity and ignorance in global fisheries. Chapter 28, p. 519-535. In: A. Yañez-Arancibia, R. Dávalos-Sotelo, J. Day and E. Reyes (eds) *Ecological Dimensions for Sustainable Socio-Economic Development*, WIT Press, Southampton & Boston. [Reprinted version of same-title article in *Scientia Marina* 73(2): 215-223, 2009].
- Cury, P. and D. Pauly. 2013. *Mange tes méduses ! Réconcilier les cycles de la vie et la flèche du temps*. Odile Jacob, Paris, 216 p.
- Pauly, D. and A. Yañez-Arancibia. 2013. Fisheries in lagoon-estuarine ecosystems. 2013. p. 465-482 In: J.W. Day, B.C. Crump, W.M. Kemp and A. Yañez-Arancibia (eds) *Estuarine Ecology – Second Edition*. Wiley-Blackwell, Hoboken, N.J.
- Pauly, D. 2013. Impacts of Fisheries and Global Warming on Marine Ecosystems and Food Security, 1950 to 2050, p. 15-29 In: I. Ekeland, D. Fessler, J.-M. Lasry and D. Lautier (eds) *The Ocean as a Global System: Economics and Governance of Fisheries and Energy Resources*. ESKA Publishing, Portland, Oregon.
- Froese, R. and D. Pauly. 2013. Fish Stocks. Vol. 3, p. 477-487 In: S. Levin (ed.) *Encyclopedia of Biodiversity 2nd Edition*, Academic Press/Elsevier, Waltham M.A. [Updated version of Pauly and Froese's 2001 entry in the 1st edition]

2013 – OTHER ITEMS

- Pauly, D. 2013. Foreword to M.H. Ramos, E.M. Mendoza, A.G. Santos, R.B. Reyes Jr., E.C. Capuli and M.A. Bimbao. *Atlas of Common Fishes of Tabayas Bay, Quezon Province, Philippines*. Department of Agriculture, National Fisheries Research and Development Institute and FishBase Information and Research Group, Los Baños and Manila, 67 p.
- Bentsen, P., J. Baum, J. Hutchings D. Pauly, B. Worm and D. Zeller. 2013. *Government of Canada Must Act to Protect Atlantic Bluefin Tuna*. The Hill Times, October 23, p. 36.
- Belhabib, D., A. Mendy, D. Zeller and D. Pauly. 2013. Big fishing for small fishes: six decades of fisheries in The Gambia, “the smiling coast of Africa”. *Fisheries Centre Working Paper #2013-07*, 20 p.
- Belhabib, D., Y. Subah, N.T. Broh, A.S. Jueseah, J.N. Nipey, W.Y. Boeh, D. Copeland, D. Zeller and D. Pauly. 2013. When reality leaves a lot to the imagination: Liberian fisheries from 1950 to 2010. *Fisheries Centre Working Paper #2013-06*, 18 p.
- Schiller, L. J.-J. Alava, J. Grove, G. Reck and D. Pauly. 2013. A reconstruction of fisheries catches for the Galápagos islands, 1950-2010. *Fisheries Centre Working Paper #2013-11*, 37 p.
- Pauly, D. 2013. What are distant-water fishing fleets, and how do they affect overfishing? *Oceana Magazine*, Summer/Fall 2013, p. 13.
- Belhabib, D., V. Koutob, N. Gueye, I. Mbaye, C. Mathews, V.W.Y. Lam and D. Pauly. 2013. Lots of boat and fewer fishes: a preliminary catch reconstruction for Senegal, 1950-2010. *Fisheries Centre Working Paper #2013-03*, 31 p.
- Palomares, M.L.D. and D. Pauly. 2013. ELEFAN in (Dakar) R. *Sea Around Us Newsletter*. (77): 1-3.
- Pauly, D. 2013. Time to end secrecy about Chinese overseas fishing. *China Dialogue* <http://www.chinadialogue.net/article/show/single/en/5958-Time-to-end-secrecy-over-Chinese-overseas-fishing-> [also available in Chinese]
- Pauly, D. and J.-L. Sánchez-Lizaso. 2013. Entrevista: Daniel Pauly. *Océanos Magazine* No 3: 30-41. [in Spanish and Portuguese]. Reprinted in *Revista MAR*, at <http://www.seg-social.es/prdioo/groups/public/documents/binario/175408.pdf>
- Pauly, D. 2013. What are ‘small-scale fisheries’? *Oceana Magazine*, Spring 2013, p. 13.
- Pauly, D. and T. Wilke. 2013. Vorstufe zur Hölle: durch Überfischung werden Meere zu veralgten Todeszonen. *Bild der Wissenschaft* (3): 25.
- Pauly, D. 2013. Coastal transects: a tool for marine biology and fisheries visualization. *Sea Around Us Newsletter* (75), Jan./Feb. 2013, p. 3-4.
- Ulman A., B. Çiçek, I. Salihoglu, A. Petrou, M. Patsalidou, D. Pauly and D. Zeller. 2013. The reconstruction and unification of Cyprus's marine fisheries catch data, 1950-2010. *Fisheries Centre Working Paper #2013-09*, Fisheries Centre, University of British Columbia, Vancouver. 70 p.

2012-ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. 2012. Diagnosing and solving the global crisis of fisheries: obstacles and rewards. *Cybium: international Journal of Ichthyology* 36(4):499-504.
- Morissette, L., V. Christensen and D. Pauly. 2012. Marine mammal impacts in exploited ecosystems: would large-scale culling benefit fisheries? *PLoS ONE* 7(9) e43966. doi 10.1371/journal.pone.0043966.

- Brotz, L. and D. Pauly. 2012. Jellyfish populations in the Mediterranean Sea. *Acta Adriatica*, 52(2): 159-172.
- Jones, T., B.L. Bostrom, M.D. Hasting, K. van Houtan, D. Pauly and D.R. Jones. 2012. Resource requirements of the Pacific leatherback turtle population. *PLoS ONE* 7(10):e45447. doi 10.1371/journal.pone.0045447.
- Sumaila, U.R., W.W.L. Cheung, A. Dyck, K.M. Gueye, L. Huang, V.W.Y. Lam, D. Pauly, U.T. Srinivasan, W. Swartz, R. Watson and D. Zeller. 2012. Benefits of rebuilding global marine fisheries outweigh costs. *PLoS ONE*, 7(7): e40542. doi 10.1371/journal.pone.0040542.
- Biery, L. and D. Pauly. 2012. A global review of species-specific shark-fin-to-body-mass ratios and relevant legislation. *Journal of Fish Biology* 80(5): 1643-1677. doi 10.1111/j.1095-8649.2011.03215.x.
- Al-Abdulrazzak D., R. Naidoo, M.L.D. Palomares and D. Pauly. 2012. Gaining perspective on what we've lost: the reliability of encoded anecdotes in historical ecology. *PLoS ONE* 7(8): e43386. doi 10.1371/journal.pone.0043386.
- Halpern, B.S., C. Longo, D. Hardy, K.L. McLeod, J.F. Samhouri, S.K. Katona, K. Kleisner, S.E. Lester, J. O'Leary, M. Ranelletti, A.A. Rosenberg, C. Scarborough, E.R. Selig, B.D. Best, D.R. Brumbaugh, F.S. Chapin III, L.B. Crowder, K.L. Daly, S.C. Doney, C. Elfes, M.J. Fogarty, S.D. Gaines, K. Jacobsen, L.B. Karrer, H.M. Leslie, E. Neeley, D. Pauly, S. Polasky, B. Ris, K. St. Martin, G.S. Stone, U.R. Sumaila and D. Zeller. 2012. An index to assess the health and benefits of the global ocean. *Nature* 488: 615-620; doi 10.1038/nature11397.
- Veitch, L., N.K. Dulvy, H. Koldewey, S. Lieberman, D. Pauly, C.M. Roberts, A.D. Rogers and J.E.M. Baillie. 2012. Avoiding Empty Ocean Commitments at Rio+20. *Science* 336: 1383-1385; doi 10.1126/science.1223009.
- Pauly, D. 2012. Review of *All the Fish in the Sea: Maximum Sustainable Yield and the Failure of Fisheries Management*, by Carmel Finley. *The Quarterly Review of Biology*, 87(2): 168. doi 10.1086/665431.
- Sumaila, U.R., A. Cisneros-Montemayor, A. Dyck, L. Huang, W.W.L. Cheung, J. Jacquet, K. Kleisner V.W.Y. Lam, A. McCrea-Strub, W. Swartz, R. Watson, D. Zeller and D. Pauly. 2012. Impact of the Deepwater Horizon well blowout on the economics of U.S. Gulf fisheries. *Canadian Journal of Fisheries and Aquatic Science* 69: 1-12. doi 10.1139/f2011-171.
- Pauly, D. 2012. Even holism is not enough: review of *Ecosystem-based management for marine fisheries: an evolving perspective*, edited by A. Belgrano and C.W. Fowler. *Ecology* 93(4): 952.
- Cheung, W.W.L., J. J. Meeuwig, M. Feng, E. Harvey, V.W.Y. Lam, T. Langlois, D. Slawinski, C. Sun and D. Pauly. 2012. Climate change induced tropicalization of marine communities in Western Australia. *Marine & Freshwater Research* 63: 415-427. doi 10.1071/MF11205.
- Brotz, L., W.W.L. Cheung, K. Kleisner, E. Pakhomov and D. Pauly. 2012. Increasing jellyfish populations: trends in Large Marine Ecosystems. *Hydrobiologia* 690(1): 3-20 [Also in J. Purcell, H. Miazan and J.R. Frost (eds) *Jellyfish Booms IV: Interactions with humans and fisheries*. Springer Verlag, Dordrecht; listed in www.fiooo.com]. doi 10.1007/s10750-012-1039-7.
- Coll, M., C. Piroddi, C. Albouy, F. Ben Rais Lasram, W.W.L. Cheung, V. Christensen, V.S. Karpouzi, F. Guilhaumon, D. Mouillot, M. Paleczny, M.L.D. Palomares, D. Pauly, J. Steenbeek, P. Trujillo and R. Watson. 2012. The Mediterranean Sea under siege: spatial overlap between marine biodiversity, cumulative threats and marine reserves. *Global Ecology and Biogeography* 21(4): 465-480. doi 10.1111/j.1466-8238.2011.00697.x.
- Froese, R., D. Zeller, K. Kleisner and D. Pauly. 2012. What catch data can tell us about the status of global fisheries. *Marine Biology* 159(6): 1283-1292. doi 10.1007/s00227-012-1909-6.
- Tesfamichael, D. and D. Pauly. 2012. Learning from the past for future policy: approaches to time series catch data reconstruction. *Western Indian Ocean Journal of Marine Science* 10(1): 99-106.
- Richardson, A.J., D. Pauly and M.J. Gibbons. 2012. Keep jellyfish numbers in check. Correspondence to *Nature* 483: 158. doi 10.1038/483158b.
- Pauly, D. and R. Froese. 2012. Comments on FAO's State of Fisheries and Aquaculture, or 'SOFIA 2010'. *Marine Policy* 36: 746-752. doi 10.1016/j.marpol.2011.10.021.
- Norse, E.A., S. Brooke, W.W.L. Cheung, M.R. Clark, I. Ekeland, R. Froese, K.M. Gjerde, R.L. Haedrich, S.S. Heppell, T. Morato, L.E. Morgan, D. Pauly, U.R. Sumaila, R. Watson. 2012. Sustainability of deep-sea fisheries. *Marine Policy* 36: 307-320. doi 10.1016/j.marpol.2011.06.008.

2012 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Belhabib, D., D. Zeller, S. Harper and D. Pauly (Editors). 2012. *Marine Fisheries Catches in West Africa, 1950-2010, Part I. Fisheries Centre Research Reports* 20(3), 104 p.
- Belhabib, D., D. Pauly, S. Harper and D. Zeller. 2012. Reconstruction of marine fisheries catches for Algeria, 1950-2010, p. 1-22 In: D. Belhabib, D. Zeller, S. Harper and D. Pauly (eds) *Marine Fisheries Catches in West Africa, 1950-2010, Part I*. Fisheries Centre Research Reports 20(3).
- Belhabib, D., S. Harper, D. Zeller and D. Pauly. 2012. Reconstruction of marine fisheries catches for Morocco, 1950-2010, p. 23-40 In: D. Belhabib, D. Zeller, S. Harper and D. Pauly (eds) *Marine Fisheries Catches in West Africa, 1950-2010, Part I*. Fisheries Centre Research Reports 20(3),
- Belhabib, D., S. Harper and D. Zeller. 2012. An overview of fish removal from Morocco by distant-water fleets, p. 43-60 In: D. Belhabib, D. Zeller, S. Harper and D. Pauly (eds) *Marine Fisheries Catches in West Africa, 1950-2010, Part I*. Fisheries Centre Research Reports 20(3).
- Belhabib, D., D. Gascuel, E. Abu Kane, S. Harper, D. Zeller and D. Pauly, 2012. Preliminary estimation of realistic fisheries removals from Mauritania, 1950-2010, p. 61-77 In: D. Belhabib, D. Zeller, S. Harper and D. Pauly (eds) *Marine Fisheries Catches in West Africa, 1950-2010, Part I*. Fisheries Centre Research Reports 20(3).
- Belhabib, D., A. Doumbouya, D. Copeland, B. Gorez, S. Harper, D. Zeller and D. Pauly, 2012. Guinean fisheries, past present and ...future? p. 91-104 In: D. Belhabib, D. Zeller, S. Harper and D. Pauly (eds) *Marine Fisheries Catches in West Africa, 1950-2010, Part I*. Fisheries Centre Research Reports 20(3).
- Pauly, D. 2012. Daawinfinshu: Daawin no sakanatachi A~Z [Japanese edition of *Darwin's Fishes: an encyclopedia of ichthyology, ecology and evolution*. Cambridge University Press, 2004]. Translated by Nishida, N and Muto, F. Tokai University Press, Kanagawa, Japan: 444 p.
- Pauly, D., R. Watson and D. Zeller. 2012. Where fisheries have been and why they are going. Chapter 4, p. 15-26 In: K. Soeters (ed.) *Sea the Truth: Essays on Overfishing, Pollution and Climate Change*. Nicolaas G. Pierson Foundation, Amsterdam.

- Harper, S., K. Zylich, L. Boonzaier, F. Le Manach D. Pauly and D. Zeller (Editors). 2012. *Fisheries catch reconstructions: Islands, Part III*. Fisheries Centre Research Report 20(5), 134 p.
- Greer, K., S. Harper, D. Zeller and D. Pauly. 2012. Cocos (Keeling) Island and Christmas Island: brief history of fishing and coastal catches, (1950-2010). p. 1-13 *In*: S., Harper, K. Zylich, L. Boonzaier, F. Le Manach D. Pauly and D. Zeller (eds) *Fisheries catch reconstructions: Islands, Part III*. Fisheries Centre Research Report 20(5).
- Boonzaier, L., S. Harper, D. Zeller and D. Pauly. 2012. A brief history of fishing in the Prince Edward Islands, South Africa, 1950-2010. p. 95-101 *In*: S. Harper, K. Zylich, L. Boonzaier, F. Le Manach D. Pauly and D. Zeller (eds) *Fisheries catch reconstructions: Islands, Part III*. Fisheries Centre Research Report 20(5).
- Kleisner, K., M. Coll, V. Christensen, L. Boonzaier, A. McCrea- Strub, D. Zeller and D. Pauly. 2012. *Towards increasing fisheries' contribution to food security. Part II: The potentials of 25 fishing countries*. A report of the *Sea Around Us* Project to Oceana and the Bloomberg and Rockefeller Foundations. Vancouver, 148 p.
- Pauly, D., K. Kleisner, B. Bhathal, L. Boonzaier, K.M.F. Freire, K. Greer, C. Hornby, V.W.Y. Lam, M.L.D. Palomares, A. McCrea- Strub, L. van der Meer and D. Zeller. 2012. *Towards increasing fisheries' contribution to food security. Part I: The potentials of Brazil, Chile, India and the Philippines*. A report of the *Sea Around Us* Project to Oceana and the Bloomberg and Rockefeller Foundations. Vancouver, 109 p.
- Vakily, J.M., K. Seto and D. Pauly (Editors). 2012. *The marine fisheries environment of Sierra Leone: belated proceedings of a national seminar held in Freetown, 25-29 November 1991*. Fisheries Centre Research Report 20(4), 104 p.
- Pauly, D., D. Belhabib, W.W.L. Cheung, A. Cisneros-Montemayor, S. Harper, V.W.Y. Lam, Y.Y. Mai, F. Le Manach, K.M. Mok, L. van der Meer, S. Shon, W. Swartz, U.R. Sumaila, R. Watson, L. Zhai and D. Zeller. 2012. Catches [of the Chinese distant- water fleet] p. 21-29 & 81-85 *In*: R. Blomeyer, I. Goulding, D. Pauly, A. Sanz and. K. Stobberup. *The role of China in World Fisheries*. European Parliament, Directorate General for Internal Policies, Policy Department B: Structural and Cohesion Policies - Fisheries. Brussels.
- Blomeyer, R., I. Goulding, D. Pauly, A. Sanz and. K. Stobberup. 2012. *The role of China in World Fisheries*. European Parliament, Directorate General for Internal Policies. Policy Department B: Structural and Cohesion Policies - Fisheries. Brussels, 97 p. [http://www.europarl.europa.eu/meetdocs/2009_2014/documents/pech/dv/chi/china.pdf]
- Palomares, M.L.D., S. Harper, D. Zeller and D. Pauly (Editors). 2012. *The marine biodiversity and fisheries catches of the Kermadec island group*. A Report Prepared for the Global Ocean Project of the Pew Environment Group by the *Sea Around Us* Project. Fisheries Centre, The University of British Columbia, Vancouver, BC, 47 p.
- Cheung, W.W.L., D. Zeller, M.L.D. Palomares, D. Al-Abdulrazzak, L. Brotz, V.W.Y. Lam, M. Paleczny and D. Pauly. 2012. *A preliminary assessment of climate change impacts on marine ecosystems and fisheries of the Arabian Gulf*. A Report to the Climate Change Research Group/LLC, 96 p.
- Tesfamichael, D. and D. Pauly (Editors). 2012. *Catch Reconstruction for the Red Sea Ecosystem by Countries (1950-2010)*. Fisheries Centre Research Report 20(1), 224 p.
- Tesfamichael, D. and D. Pauly. 2012. Introduction to the Red Sea Ecosystem and its fisheries, p. 1-21 *In*: D. Tesfamichael and D. Pauly (eds). *Catch Reconstruction for the Red Sea Ecosystem by Countries (1950-2010)*. Fisheries Centre Research Report 20(1),
- Tesfamichael, D., R. Govender and D. Pauly. 2012. Preliminary reconstruction of fisheries catches of Jordan and Israel in the inner Gulf of Aqaba, Red Sea, 1950-2010, p. 179–204, *In*: D. Tesfamichael and D. Pauly (eds). *Catch Reconstruction for the Red Sea Ecosystem by Countries (1950-2010)*. Fisheries Centre Research Report 20(1).
- Pauly, D. 2012. Guest statement: the rise and fall of industrial fisheries, p. 246-247 *In*: P. Dearden and B. Mitchell (eds) *Environmental Change & Challenge*. Oxford University Press. Don Mills, Ontario.
- Pikitch, E., P.D. Boersma, I.L. Boyd, D.O. Conover, P. Cury, T. Essington, S.S. Heppell, E.D. Houde, M. Mangel, D. Pauly, É. Plagányi, K. Sainsbury and R.S. Steneck. 2012. *Little Fish, Big Impact: Managing a Crucial Link in Ocean Food Webs*. Lenfest Ocean Program, Washington, DC. 108 p.

2012 – OTHER ITEMS

- Pauly, D. 2012. What are forage fish? *Oceana Magazine*, Fall/Winter 2012, p. 13.
- Ramdeen, R., N. Smith, L. Frotté, S. Lingard, S. Harper, D. Zeller and D. Pauly. Reconstructed total catches by the marine fisheries of countries of the wider Caribbean (1950 -2010), p. 167 *In*: Book of Abstracts, *65nd Meeting of the Gulf and Caribbean Fisheries Institute, Santa Marta, Colombia, 5-9 November 2012*. Fort Pierce, Florida.
- Christensen, V., A. Boustany, J. Buszewski, W.W.L. Cheung, D.C. Dunn, D. Felinto, C. Folke, P. Halpin, K. Kearney, C. McOwen, A. Merrie, H. Österblom, Y. Ota, R.R. Rykaczewski, J.L. Sarmiento, J. Steenbeek, C.A. Stock, U.R. Sumaila, C.J. Walters, R. Watson, J. Watson, A. Valls, L. Wood and D. Pauly. 2012. Life in the future ocean: the Nereus model. p. 16-20. AAAS Annual Meeting.
- Kleisner, K and Pauly D (2012) Leveling the Global Playing Field: Global Inferences from Reliable Global Samples. Summary of Symposia p. 103-104. *In*: AAAS Annual Meeting and Science Innovation Exposition, 16-20 February 2012, Vancouver.
- Pauly, D. 2012. Océan en danger. p. 142-143 *In*: Y. Artus-Bertrand (ed.) *20 ans après...la Terre : le bilan du développement durable*. Editions de La Martinière, Paris.
- Pauly, D. 2012. Are the Oceans Jellifying? *Oceana Magazine*, Summer 2012, p. 12.
- Pauly, D. 2012. Down at the summit. *Sea Around Us Newsletter* (70): 1-2.
- Pauly, D. and F. Le Manach. 2012. Expansion et impact de la pêche mondiale. *Espèces: revue d'histoire naturelle* 5: 54-61.
- Pauly, D. 2012. Lessons from a Use-inspired international Collaboration in Marine Research. Abstract of contribution to the symposium on “*Successful Interdisciplinary Collaborations: Insights from Practice and Theory*.” AAAS Annual Meeting. Vancouver, B.C. February 17, 2012.
- Zeller, D., A. Tavakolie and D. Pauly. 2012. The *Sea Around Us* project wins UBC award. *Sea Around Us Newsletter* (68), p. 3.

2011 - ITEMS IN PEER-REVIEWED JOURNALS

- Tremblay-Boyer, L., D. Gascuel, R. Watson, V. Christensen and D. Pauly. 2011. Modelling the effects of fishing on the biomass of the world's oceans from 1950 to 2006. *Marine Ecology Progress Series* 442: 169-185. doi 10.3354/meps09375.
- Sumaila, U.R., W.W.L. Cheung, V.W.Y. Lam, D. Pauly and S. Herrick. 2011. Climate change impacts on the biophysics and economics of world fisheries. *Nature Climate Change* 1: 449-456. doi 10.1038/nclimate1301.
- Mouillot D., C. Albouy, F. Guilhaumon, F. Ben Rais Lasram, M. Coll, V. Devictor, C.N. Meynard, D. Pauly, J.A. Tomasini, M. Troussellier, L. Velez, R. Watson, E.J.P. Douzery and N. Mouquet. 2011. Protected and threatened components of fish biodiversity in the Mediterranean Sea. *Current Biology* 21(12): 1044-1050. doi 10.1016/j.cub.2011.05.005.
- Gascuel, D., S. Guénette and D. Pauly. 2011. The trophic-level based ecosystem modeling approach: theoretical overview and practical uses. *ICES Journal of Marine Science* 68(7): 1403-1416. doi 10.1093/icesjms/fsr062.
- Lam, V.W.Y., U R. Sumaila, A. Dyck, D. Pauly and R. Watson. 2011. Construction and first applications of a global cost of fishing database. *ICES Journal of Marine Science* 68(9): 1996-2004. doi 10.1093/icesjms/fsr121.
- Cheung, W.W.L., J. Dunne, J. Sarmiento and D. Pauly. 2011. Integrating eco-physiology and plankton dynamics into projected changes in maximum fisheries catch potential under climate change in the northeast Atlantic. *ICES Journal of Marine Science* 68(6): 1008-1018. Doi 10.1093/icesjms/fsr012.
- McCrea-Strub, A., K. Kleisner, U.R. Sumaila, W. Swartz, W., R. Watson, D. Zeller and D. Pauly. 2011. Potential Impact of the Deepwater Horizon Oil Spill on Commercial Fisheries in the Gulf of Mexico. *Fisheries* 37(7): 332-336. doi 10.1080/03632415.2011.589334.
- Jones, T.T., M.D. Hastings, B.L. Bostrom, D. Pauly and D.R. Jones. 2011. Growth of captive leatherback turtles *Dermochelys coriacea* with inferences on growth in the wild: implications for population decline and recovery. *Journal of Experimental Marine Biology and Ecology* 399: 84-92. doi 10.1016/j.jembe.2011.01.007.
- Pauly, D. 2011. Forward – Selected Contribution from the First International Marine Conservation Congress, 19-24 May 2009. *Bulletin of Marine Science* 87(2): 159-160.
- Pauly, D. 2011. Toward a Conservation Ethic for the Sea: steps in a personal and intellectual odyssey. *Bulletin of Marine Science* 87(2): 165-175. doi 10.5343/bms.2010.1092.
- Zeller, D., S. Booth, E. Pakhomov, W. Swartz and D. Pauly. 2011. Arctic fisheries catches in Russia, USA and Canada: Baselines for neglected ecosystems. *Polar Biology* 34(7): 955-973. doi 10.1007/s00300-010-0952-3
- Zeller, D., P. Rossing, S. Harper, L. Persson, S. Booth and D. Pauly. 2011. The Baltic Sea: estimates of total fisheries removals 1950-2007. *Fisheries Research* 108: 356-363. doi 10.1016/j.fishres.2010.10.024.
- Anticamara, J.A., R. Watson, A. Gelchu and D. Pauly. 2011. Global fishing effort (1950-2010): Trends, gaps and implications. *Fisheries Research* 107: 131-136. doi 10.1016/j.fishres.2010.10.016.
- McCrea-Strub, A, D. Zeller, U.R. Sumaila, J. Nelson, A. Balmford and D. Pauly. 2011. Understanding the cost of establishing marine protected areas. *Marine Policy* 35: 1-9. [Also available as Fisheries Centre Working Paper # 2010-09, UBC]. doi 10.1016/j.marpol.2010.07.001.

2011 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Biery, L., M.L.D. Palomares, L. Morissette, W.W.L. Cheung, S. Harper, J. Jacquet, D. Zeller and D. Pauly, 2011. Sharks in the seas around us: How the *Sea Around Us* Project is working to shape our collective understanding of global shark fisheries. A report prepared for the Pew Environment Group by the *Sea Around Us* Project. Fisheries Centre, University of British Columbia, Vancouver, BC, 53 p.
- Kleisner, K. and D. Pauly. 2011. *Performance in managing marine resources in the Bay of Bengal*. Report to the Bay of Bengal Large Marine Ecosystem Project. BOBLME-2011-Ecology-17, 146 p.
- Booth, S. and Pauly, D. 2011. Myanmar's marine capture fisheries 1950-2008: Expansion from the coast to the deep waters, p. 101-134. In: S. Harper, D. O'Meara, S. Booth, D. Zeller and D. Pauly (eds). *Fisheries Catches for the Bay of Bengal Large Marine Ecosystem since 1950*. Report to the Bay of Bengal Large Marine Ecosystem Project. BOBLME-2011-Ecology-16.
- Harper, S., D. O'Meara, S. Booth, D. Zeller and D. Pauly. 2011. *Fisheries catches from the Bay of Bengal Large Marine Ecosystem since 1950*. Report to the Bay of Bengal Large Marine Ecosystem Project. BOBLME-2011-Ecology-16, 97 p.
- Palomares, M.L.D., D. Chaitanya, S. Harper, D. Zeller and D. Pauly (Editors). 2011. The Marine Biodiversity and Fisheries Catches of the Pitcairn Group. A report prepared for the Global Ocean Legacy project of the Pew Environment Group by the *Sea Around Us* Project. Fisheries Centre, The University of British Columbia, Vancouver, BC, 42 p.
- Sumaila, U.R. and D. Pauly. 2011. The 'March of Folly' in Global Fisheries. In: J.B.C. Jackson, K.E. Alexander and E. Sala (eds). *Shifting Baselines: the past and future of ocean fisheries*. Island Press, Washington, D.C.
- Palomares, M.L.D. and D. Pauly (Editors) 2011. *Too Precious to Drill: The Marine Biodiversity of Belize*, Fisheries Centre Research Reports 19(6), 175 p.
- Palomares, M.L.D., D. Pauly. 2011. Documenting the marine biodiversity of Belize in FishBase and SeaLifeBase, p. 78-106 In: M.L.D. Palomares and D. Pauly (eds), *Too Precious to Drill: The Marine Biodiversity of Belize*, Fisheries Centre Research Reports 19(6).
- Le Manach, F., D. Dura, A. Pere, J.J. Riutor, P. Lejeune, M.C. Santoni, J.M. Culioli and D. Pauly. 2011. Preliminary estimates of total fisheries catch in Corsica, France (1950-2008). p. 3-14 In: S. Harper and D. Zeller (eds) *Fisheries catch reconstruction: Islands, Part II*. Fisheries Centre Research Reports 19(4).
- Palomares, M.L.D. and D. Pauly. 2011. A brief history of fishing in the Kerguelen Island, France p. 15-20 In: S. Harper and D. Zeller (eds) *Fisheries catch reconstruction: Islands, Part II*. Fisheries Centre Research Reports 19(4).
- Pauly, D. and W.W.L. Cheung. 2011. Globale Prognosen der Auswirkungen der Erwärmung auf die Fischerei. p. 258-263 In: J.L. Lozán, H. Graßl,

- L. Karbe and K. Reise (eds). *Warnsignal Klima: die Meere - Änderungen & Risiken*. Wissenschaftliche Auswertungen/Geo Magazin, Hamburg. [10.2312/warnsignal.klima.meere-aenderungen-risiken.41]
- Pauly, D. 2011. Slow in Coming. p. 40-43 *In: The International Slow Food Almanac*, Slow Food, Bra, Italy. [Available online in English, French, Italian, German and Spanish]
- Cheung, W.W.L., D. Zeller and D. Pauly. 2011. Projected species shifts due to climate change in the Canadian Marine Ecoregions. A report of the *Sea Around Us* Project to Environment Canada, 46 p.
- Paleczny, M. and D. Pauly. 2011. Seabirds in Canadian Marine Ecoregions: distribution and Abundance, p. 41-46 *In: W.W.L. Cheung, D. Zeller and D. Pauly. Projected species shifts due to climate change in the Canadian Marine Ecoregions. A report of the Sea Around Us Project to Environment Canada.*
- Christensen, V., S. Lai, M.L.D. Palomares, D. Zeller and D. Pauly, (Editors). 2011. *The state of biodiversity and fisheries in Regional Seas*. Fisheries Centre Research Reports 19(3), 82 p.
- Lai, S., D. Felinto, J. Steenbeek, J. Buszowski, A. Valls, R. Watson, D. Zeller, D. Pauly and V. Christensen. 2011. Deriving indicators for Regional Seas, p. 3-9 *In: V. Christensen, S. Lai, M.L.D. Palomares, D. Zeller and D. Pauly (eds) The state of biodiversity and fisheries in Regional Seas*. Fisheries Centre Research Reports 19(3).
- Kaschner, K., J.S. Ready, E. Agbayani, K. Kesner-Reyes, J. Rius-Barile, P.D. Eastwood, A.B. South, S.O. Kullander, T. Rees, R. Watson, D. Pauly and R. Froese. 2011. Using 'Aquamaps' for representing species distribution in Regional Seas, p. 17-21 *In: V. Christensen, S. Lai, M.L.D. Palomares, D. Zeller and D. Pauly (eds) The state of biodiversity and fisheries in Regional Seas*. Fisheries Centre Research Reports 19(3).
- Cheung, W.W.L., V. W.Y. Lam, M.L.D. Palomares, R. Watson and D. Pauly, 2011. Diversity of commercially exploited fish and invertebrates in Regional Seas. p. 24-26 *In: V. Christensen, S. Lai, M.L.D. Palomares, D. Zeller and D. Pauly (eds) The state of biodiversity and fisheries in Regional Seas*. Fisheries Centre Research Reports 19(3).
- Cheung, W.W.L., V.W.Y. Lam, J.L. Sarmiento, K. Kearney, R. Watson and D. Pauly. 2011. Climate-change induced species invasions and extirpations in Regional Seas, p. 27-31 *In: V. Christensen, S. Lai, M.L.D. Palomares, D. Zeller and D. Pauly (eds) The state of biodiversity and fisheries in Regional Seas*. Fisheries Centre Research Reports 19(3).
- Kleisner, K. and D. Pauly. 2011. Stock-catch status plots of fisheries for Regional Seas, p. 37-40 *In: V. Christensen, S. Lai, M.L.D. Palomares, D. Zeller and D. Pauly (eds) The state of biodiversity and fisheries in Regional Seas*. Fisheries Centre Research Reports 19(3).
- Kleisner, K. and D. Pauly. 2011. The Marine Trophic Index (MTI), the Fishing in Balance (FiB) Index and the spatial expansion of fisheries, p. 41-44 *In: V. Christensen, S. Lai, M.L.D. Palomares, D. Zeller and D. Pauly (eds) The state of biodiversity and fisheries in Regional Seas*. Fisheries Centre Research Reports 19(3).
- Palomares, M.L.D. and D. Pauly. 2011. Ecosystem size spectra as indicator for Regional Seas, p. 45-46 *In: Fisheries Centre Research Reports 19(3)*.
- Cheung, W.W.L., V.W.Y. Lam, J.L. Sarmiento, K. Kearney, R. Watson, D. Zeller and D. Pauly. 2011. Global-warming induced changes in the catch potential of Regional Seas, 50-54 *In: V. Christensen, S. Lai, M.L.D. Palomares, D. Zeller and D. Pauly (eds) The state of biodiversity and fisheries in Regional Seas*. Fisheries Centre Research Reports 19(3).
- Sumaila, U.R., A.S. Khan, A.J. Dyck, R. Watson, G. Munro, P. Tyedmers, D. Pauly. 2011. Subsidies to fisheries in Regional Seas, p. 59-61 *In: V. Christensen, S. Lai, M.L.D. Palomares, D. Zeller and D. Pauly (eds) The state of biodiversity and fisheries in Regional Seas*. Fisheries Centre Research Reports 19(3).

2011 – OTHER ITEMS

- Watson, R., D. Zeller and D. Pauly. 2011. *Spatial expansion of EU and non-EU fishing fleets into the global ocean, 1950 to the present*. A report commissioned by WWF Netherlands, Sea Around Us Project, Fisheries Centre, University of British Columbia, Vancouver, 14 p.
- Colléter M., D. Gascuel and D. Pauly. 2011. Environnement, fonctionnement trophique et résilience des écosystèmes marins. 10ème forum halieumétrique. Changement environnementaux et dynamiques halieutiques. (Abstracts), 29 Mai-1er Juillet, Boulogne-sur-Mer, France.
- Christensen, V., C. Piroddi, M. Coll, J. Steenbeek, J. Buszowski and D. Pauly. 2011. *Fish biomass in the world ocean: A century of decline*. Fisheries Centre. Working Paper Series, Working paper #2011-06, 20 p.
- Pauly, D. 2011. Foreword, p. 15-17 *In: R. Chuenpagdee (ed.) World Small-Scale Fisheries: Contemporary Visions*. Eburon, Delft.
- Palomares, M.L.D., N. Bailly and D. Pauly. 2011. Small is beautiful. *Action Diver* 2011/2012: 8-10.
- Pauly, D. 2011. How Healthy Are Our Fisheries [Letter to the Editor, on the Op-Ed piece by R. Hilborn titled "Let Us Eat Fish"]. *The New York Times*, April 17, 2012.
- Pauly, D. 2011. Beyond duplicity and ignorance in global fisheries. *Pacific Ecologist* 20: 32-36 [abbreviated version of same-title article in *Scientia Marina* 73(2): 215-223, 2009].
- Pauly, D. 2011. Small-scale fisheries: an evaluation of their role in the coastal zones of the world. Abstract, p. 61 *In: Book of Abstracts*, International Symposium on Integrated Coastal Zone Management, Institute of Marine Research, Norway.
- Pauly D. 2011. Foreword p. 13-14. *In: K.I. Stergiou, K. Karachle, A.C. Tsikliras and E. Mamalakis. Shouting fishes – Fishes from the Greek Seas: Biology, fisheries and management*. Patakis Press, Athens. [In Greek, with foreword in English]
- Pauly, D. 2011. On baselines that need shifting. *Solutions - for a sustainable and desirable future* 2(1): 14. {Reprinted in *Creating a Sustainable and Desirable Future Insights from 45 Global Thought Leaders*. 2014. R. Costanza and I. Kubiszewski (eds). World Scientific, Singapore].
- Pauly, D. 2011. Focusing one's microscope. *The Science Chronicles* (The Nature Conservancy), January 2011: 4-7.

2010 - ITEMS IN PEER-REVIEWED JOURNALS

- McCrea-Strub, A. and D. Pauly. 2010. Oil and fisheries in the Gulf of Mexico. *Ocean and Coastal Law Journal* 16 (2): 473-480.

- Wabnitz, C.C., G. Balazs, S. Beavers, K.A. Bjorndal, A.B. Bolten, V. Christensen, S. Hargrove and D. Pauly. 2010. Ecosystem structure and processes at Kaloko Honokōhau, focusing on the role of herbivores, including the green sea turtles *Chelonia mydas*, at in reef resilience. *Marine Ecology Progress Series*. 420: 27-44. doi 10.3354/meps08846.
- Cisnerio-Montemayor, A., U.R. Sumaila, K. Kaschner and D. Pauly. 2010. The global potential for whale watching *Marine Policy* 34(6): 1273-1278. doi 10.1016/j.marpol.2010.05.005.
- Cullis-Suzuki, S. and D. Pauly. 2010. Failing the high seas: a global evaluation of regional fisheries management organizations. *Marine Policy* 34(5): 1036-1042. doi 10.1016/j.marpol.2010.03.002.
- Swartz, W., E. Sala, R. Watson and D. Pauly. 2010. The spatial expansion and ecological footprint of fisheries (1950 to present). *PLoS ONE* 5(12): e15143, 6 p. doi 10.1371/journal.pone.0015143.
- Swartz, W., U.R. Sumaila, R. Watson and D. Pauly. 2010. Sourcing seafood for the three major markets: the EU, Japan and the USA. *Marine Policy* 34(6): 1366-1373. doi 10.1016/j.marpol.2010.06.011.
- Alder, J., S. Cullis-Suzuki, V. Karpouzi, K. Kaschner, S. Mondoux, W. Swartz, P. Trujillo, R. Watson and D. Pauly. 2010. Aggregate performance in managing marine ecosystems in 53 maritime countries. *Marine Policy* 34: 468-476. doi 10.1016/j.marpol.2009.10.001.
- Jacquet, J., D. Pauly, D. Ainley, S. Holt, P. Dayton and J. Jackson. 2010. Seafood Stewardship in Crisis. *Nature* 467: 28-29. doi 10.1038/467028a.
- Jacquet, J., D. Zeller and D. Pauly. 2010. Counting fish: A typology for fisheries catch data. *Journal of Integrative Environmental Sciences*. 7(2): 135-144. doi 10.1080/19438151003716498.
- Lam, M. and D. Pauly. 2010. Who's Right to Fish? Evolving a Social Contract for Ethical Fisheries. *Ecology and Society* 15 (3): 16. www.ecologyandsociety.org/vol15/iss3/art16/.
- Sumaila, U.R., A. Khan, A.J. Dyck, R. Watson, G. Munro, P. Tyedmers and D. Pauly. 2010. A bottom-up re-estimation of global fisheries subsidies. *Journal of Bioeconomics*, 12: 201-225. doi 10.1007/s10818-010-9091-8.
- Sumaila, U.R., A.S. Khan, L. Teh, R. Watson, P. Tyedmers and D. Pauly. 2010. Subsidies to high seas bottom trawl fleets and the sustainability of deep-sea demersal fish stocks. *Marine Policy* 34(3): 495-497. doi 10.1016/j.marpol.2009.10.004.
- Pauly, D. and R. Froese. 2010. Account in the dark. *Nature Geoscience* 3(10): 662-663. doi 10.1038/ngeo973.
- Courteney, W.R., B. Collette, T. Essington, R. Hilborn, J. Orr, D. Pauly, J.E. Randall and W. Smith-Vaniz. 2010. Rejoinder to "North Atlantic Fisheries: a response to criticism of the proactive proposal, by J.C. Briggs". *Fisheries* 35 (6): 298.
- Butchart, S.H.M., M. Walpole, B. Collen, A. van Strien, J.P.W. Scharlemann, R.E.A. Almond, J.E.M. Baillie, B. Bomhard, C. Brown, J. Bruno, K.E. Carpenter, G.M. Carr, J. Chanson, A.M. Chenery, J. Csirke, N.C. Davidson, F. Dentener, M. Foster, A. Galli, J.N. Galloway, P. Genovesi, R.D. Gregory, M. Hockings, V. Kapos, J.-F. Lamarque, F. Leverington, J. Loh, M.A. McGeoch, L. McRae, A. Minasyan, M.H. Morcillo, T.E.E. Oldfield, D. Pauly, S. Quader, C. Revenga, J.R. Sauer, B. Skolnik, D. Spear, D. Stanwell-Smith, S.N. Stuart, A. Symes, M. Tierney, T.D. Tyrrell, J.-C. Vié and R. Watson. 2010. Global Biodiversity: Indicators of Recent Declines. *Science* 328: 1164-1168. doi 10.1126/science.1187512.
- Freire, K. and D. Pauly. 2010. Fishing down Brazilian marine food webs, with emphasis on the East Brazil Large Marine Ecosystem. *Fisheries Research* 105(1), 57-62. doi 10.1016/j.fishres.2010.02.008.
- Pauly, D. 2010. John Leslie Munro (1938-2009) – a pioneer of tropical fisheries science. *Fish and Fisheries* 11: 117-118. doi 10.1111/j.1467-2979.2010.00364.x.
- Cheung, W.W.L., V.W.Y. Lam, J.L. Sarmiento, K. Kearney, R. Watson, D. Zeller and D. Pauly. 2010. Large-scale redistribution of maximum fisheries catch potential in the global ocean under climate change. *Global Change Biology* 16: 24-35. doi 10.1111/j.1365-2486.2009.01995.x.
- Cullis-Suzuki, S. and D. Pauly. 2010. Marine Protected Area costs as 'beneficial' fisheries subsidies: A Global Evaluation. *Coastal Management* 38(2) : 113-121. doi 10.1080/08920751003633086.
- Jacquet, J., J. Hocevar, S. Lai, P. Majluf, N. Pelletier, T.J. Pitcher, E. Sala, R. Sumaila and D. Pauly. 2010. Conserving Wild Fish in a Sea of Market-Based Efforts. *Oryx, The international Journal of Conservation* 44(1): 45-56. doi 10.1017/S0030605309990470.

2010 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Palomares, M.L.D. and D. Pauly. (Editors). 2010. *Marine biodiversity in Southeast Asian and Adjacent Seas*. Fisheries Centre Research Report 18(3), 96 p.
- Huang, R.W., W.W.L. Cheung, V.W.Y. Lam, M.L.D. Palomares, P.M. Sorsogon and D. Pauly. 2010. Toward an account of the biodiversity in Chinese shelf waters: the role of SeaLifeBase and FishBase. p. 2-14 In: M.L.D. Palomares and D. Pauly (eds) *Marine biodiversity in Southeast Asian and Adjacent Seas*. Fisheries Centre Research Report 18(3).
- Cabanban, A., E. Capuli, R. Froese and D. Pauly. 2010. An annotated checklist of Philippine flatfishes: ecological implications. p. 15-31 In: M.L.D. Palomares and D. Pauly (eds) *Marine biodiversity in Southeast Asian and Adjacent Seas: Part 1*. Fisheries Centre Research Report 18(3). Based on a 1996 manuscript prepared for presentation at the Third International Symposium on Flatfish Ecology, Netherlands Institute for Sea Research (NIOZ), Texel, The Netherlands, 35 p. [available at <http://filaman.uni-kiel.de/ifm-geomar/rfroese/Philippine%20Flatfish.pdf>]
- Tsikliras, A.C., E. Tsalkou, D. Pauly and K.I. Stergiou. 2010. Trends in trophic level of farmed fish in Mediterranean countries. p. 684 In: *Rapport du 39e Congrès de la Commission Internationale pour l'Exploration Scientifique de la Mer Méditerranée*. @@
- Christensen, V., C.J. Walters, R. Ahrens, J. Alder, J. Buszowski, L.B. Christensen, W.W.L. Cheung, J. Dunne, R. Froese, V. Karpouzi, K. Kaschner, K. Kearney, S. Lai, V.W.Y. Lam, M.L.D. Palomares, A. Peters-Mason, C. Piroddi, J.L. Sarmiento, J. Steenbeek, U.R. Sumaila, R. Watson, D. Zeller and D. Pauly. 2010. Database-driven models of the world's Large Marine Ecosystems, Chapter 6, p. 74 -103 In: K. Sherman and S. Adams (eds). *Sustainable Development of the World's Large Marine Ecosystems during Climate Change: A commemorative volume to advance sustainable development on the occasion of the presentation of the 2010 Göteborg Award/IUCN*, Gland, Switzerland] [Reprinted from *Ecological Modelling* 220: 1984-1996].
- Pauly, D. 2010. If you didn't like overfishing, you sure won't like global warming (Symposium Keynote), p. 1-6 In: A. Acosta and L. Creswell (eds).

Proceedings of the 62nd Meeting of the Gulf and Caribbean Fisheries Institute, Cumaná, Venezuela, November 2009. GCFI, Vol. 62, Fort Pierce, Fla.

- Pauly, D. 2010. *Five Easy Pieces: How Fishing Impacts Marine Ecosystems*. Island Press, Washington, D.C., xii + 193 p.
- Pauly, D. 2010. *Gasping Fish and Panting Squids: Oxygen, Temperature and the Growth of Water-Breathing Animals*. Excellence in Ecology (22), International Ecology Institute, Oldendorf/Luhe, Germany, xxviii + 216 p.
- Pauly, D. 2010. The State of Fisheries, p. 118-120 In: S.N.S. Sodhi and P.R. Ehrlich (eds) *Conservation Biology for All*. Oxford University Press, Oxford.
- Alder, J. and D. Pauly. 2010. Future of Fisheries p. 120-121 In: J.M. Hoekstra, J.L. Molnar, M. Jennings, C. Revenga, M.D. Spalding, T.M. Boucher, J.C. Robertson, T. J. Heibel, with K. Ellison. *The Atlas of Global Conservation: Changes, challenges and opportunities to make a difference*. Ed. J.L. Molnar. University of California Press, Berkeley.
- Zeller, D., S. Bale, S. Booth, P. Rossing, S. Harper and D. Pauly. 2010. Fisheries catches from the Baltic Sea Large Marine Ecosystem: 1950-2007, p. 7-38 In: P. Rossing, S. Booth and D. Zeller (eds) *Total Marine Fisheries Extractions by Country in the Baltic Sea: 1950 to present*. Fisheries Centre Research Report 18(1).

2010 – OTHER ITEMS

- Pauly, D. 2010. Drinking Zeno's Coffee. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 16(5): 1.
- Pauly, D. 2010. The Seafoodprint and the revival of the primary production required. *Sea Around Us Newsletter*, September/October (61): 5-6.
- Pauly, D. 2010. [Observed and projected trends in global fisheries]. *BioCity* (46): 112-113 [in Japanese]
- Lam, V.W.Y., U.R. Sumaila, A. Dyck, D. Pauly and R. Watson. 2010. *Construction and potential applications of a global cost of fishing database*. Fisheries Centre Working Paper #2010-13, The University of British Columbia, Vancouver, B.C., Canada, 74 p.
- Sherman, K., D. Pauly, V. Christensen, R. Sumaila, J. O'Reilly, K. Hyde, I. Belkin, S. Seitzinger, J. Sutinen, S. Olsen, T. Hennessey, L. Juda, P. Hoagland, D. Jin, M. Aquarone, S. Adams. 2010. Methodology for assessing changing conditions of the world's large marine ecosystems. <https://oceanexpert.org/downloadFile/9819&hl=en&sa=X&d=7082459470568640960&ei=bPuTZZqXFeJy9YP3sqgAo&scisig=AFWwaeY1dc71E5GVodkYYkzD2X9f&oi=scholarart&hist=MHAh9pUAAAAJ:422511266632419076:AFWwaeY5OvzJtLDg5A58hofFxCUV&html=&pos=0&folt=art>
- Cheung, W.W.L., S. Booth, D. Zeller and D. Pauly. 2010. *Impact of climate change on US marine fisheries with emphasis on the Gulf and Southeast Atlantic States*. Fisheries Centre Working Paper #2010-12, The University of British Columbia, Vancouver, B.C., Canada.
- Pauly, D. 2010. La surpêche mène au désastre comme une pyramide financière. (Propos recueillis par Etienne Dubuis). *Le Temps* (Genève), Mercredi, 2 Octobre, p. 16.
- McCrea-Strub, A., U.R. Sumaila, D. Zeller, J. Nelson and D. Pauly. 2010. Understanding the cost of establishing marine protected areas. *Fisheries Centre Working Paper #2010-09*, UBC, Vancouver, Canada.
- Pauly, D. and M.L.D. Palomares. 2010. An empirical equation to predict annual increases in fishing efficiency. *Fisheries Centre Working Paper #2010-07*, UBC, Vancouver, Canada.
- Cisneros-Montemayor, A.M., U.R. Sumaila, K. Kaschner and D. Pauly. 2010. The Global Potential for Whale Watching, *Fisheries Centre Working Paper #2010-05*, UBC, Vancouver, Canada.
- Pauly, D. 2010. Le poisson n'est pas un produit de masse, mais un produit occasionnel qui doit rester festif. *L'Encre de Mer* No. 26/27: 14-15.
- Pauly, D. 2010. Con grandes áreas protegidas, se podría controlar la pesquería - Entrevista con Patricia Blanco Picado. *Crisol (Revista de Ciencia y Tecnología de la Universidad de Costa Rica)*, 23(mayo): 44-47.
- Pauly, D. 2010. Mil millones de indios no comen pescado y no parece que tengan carencias. *El Diario Vasco*. April 17, 2010, p. 6 [Interview with Javier Meaurio]
- Pauly, D. 2010. Las zonas reservadas son una condición para la supervivencia de los peces y pescadores. *Noticias de Gipuzkoa*, April 17, 2010, p. 13. [Interview with Arantzazu Zabaleta].
- Pauly, D. 2010. En Primera Persona. *Revista Informativa del Fondo Europeo de la Pesca en España* (7): 14. [Interview]
- Pauly, D. 2010. Response to "Ask the Ecologist". *Ecology Briefs – Boletín Informativo del Centro Internacional de Ecología* 2(1): 3. [also in Spanish; see www.ivic.gob.ve/ecologia/CIET/index.php?mod=boletin.php]
- Pauly, D. and Collaborators. 2010. *Sea Around Us: Ten-Year Retrospective, 1999 to 2009*. *Sea Around Us Project*, University of British Columbia, Vancouver, 58 p.
- Pauly, D. and M. Zeller. 2010. Habitat Ocean: How to Save the Ocean's Biodiversity. Summary of Working Group 3, p. 63-64 In: XVII Malente Symposium "More than Water – Ocean and Global Responsibility", October 12-14, 2008, Lübeck, Germany.
- Le Guilloux, E. and D. Pauly. 2010. *Description synthétique des pêcheries françaises en 2007*. Prepared for the French Ministry of Fisheries. Bloom Association and *Sea Around Us*, with assistance from IFREMER, IRD and MNHN, 32 p.

2009 -ITEMS IN PEER-REVIEWED JOURNALS

- Gascuel, D. and D. Pauly. 2009. EcoTroph: modelling marine ecosystem functioning and impact of fishing. *Ecological Modelling* 220(21): 2885-2898. doi 10.1016/j.ecolmodel.2009.07.031.
- Cheung, W.W.L., V.W.Y. Lam, J.L. Sarmiento, K. Kearney R. Watson and D. Pauly. 2009. Projecting global marine biodiversity impacts under climate change scenarios. *Fish and Fisheries* 10: 235-251. doi 10.1111/j.1467-2979.2008.00315.x
- Christensen, V., C.J. Walters, R. Ahrens, J. Alder, J. Buszowski, L.B. Christensen, W.W.L. Cheung, J. Dunne, R. Froese, V. Karpouzi, K. Kaschner, K. Kearney, S. Lai, V.W.Y. Lam, M.L.D. Palomares, A. Peters-Mason, C. Piroddi, J.L. Sarmiento, J. Steenbeek, U.R. Sumaila, R. Watson, D. Zeller and D. Pauly. 2009. Database-driven models of the world's Large Marine Ecosystems. *Ecological Modelling* 220: 1984-1996; doi

10.1016/j.ecolmodel.2009.04.041.

- Palomares, M.L.D. and D. Pauly. 2009. The growth of jellyfishes. *Hydrobiologia*, 616: 11-21 [Also in K.A. Pitt and J.E. Purcell (eds) *Jellyfish Blooms: Causes, Consequences and Recent Advances*. Springer Verlag, Dordrecht]
- Courteney, W.R. B. Collette, T. Essington, R. Hilborn; J. Orr, D. Pauly; J.E. Randall and W. Smith-Vaniz. 2009. Risk of introductions of marine fishes: reply to Briggs. *Fisheries* 34 (4): 181-186. doi 10.1577/1548-8446-34.4.181.
- Pauly, D. 2009. Beyond Duplicity and Ignorance in Global Fisheries. *Scientia Marina* 73(2): 215-223. doi 10.3989/scimar.2009.73n2215.
- Jenkins, D.J.A., J.L. Sievenpiper, D. Pauly, U.R. Sumaila and C.W.C. Kendall and F.M. Mowat. 2009. Are dietary recommendations for the use of fish oils sustainable? *Canadian Medical Association Journal* 180(6): 633-637. doi 10.1503/cmaj.081274.
- Gerber, L., L. Morissette, K. Kaschner and D. Pauly. 2009. Should whales be culled to increase fishery yields? *Science* 323: 880-881.
- Stergiou, K.I., A.C. Tsikliras and D. Pauly. 2009. Farming up the Mediterranean food webs. *Conservation Biology* 23(1): 230-232. doi 10.1111/j.1523-1739.2008.01077.x.
- Pauly, D., W. Graham, S. Libralato, L. Morissette and M.L.D. Palomares. 2009. Jellyfish in ecosystems, online databases and ecosystem models. *Hydrobiologia* 616 (1): 67-85. doi 10.1007/s10750-008-9583-x.

2009 –BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. 2009. The fisheries resources of the Clipperton Island EEZ (France). p. 35-37 In: D. Zeller and S. Harper (eds). *Fisheries Catch Reconstructions: Islands, Part I*. Fisheries Centre Research Report 17(5).
- Pauly, D. and the *Sea Around Us*. 2009. What we take out of the ocean: fishing. p. 313 In: S.A. Earle and L.K. Glover (eds) *Oceans: An Illustrated Atlas*. National Geographic, Washington, D.C.
- Zeller, D., W.W.L. Cheung, C. Close and D. Pauly. 2009. Trends in global marine fisheries – a critical view. p. 87-107 In: P. Wrammer, H. Ackefors and M. Cullberg (eds) *Fisheries, sustainability and development*. Royal Swedish Academy of Agriculture and Forestry, Stockholm.
- Pauly, D. and R. Watson. 2009. Spatial dynamics of fisheries. p. 501-509 + plate 14 In: S. Levin (ed.) *The Princeton Guide to Ecology*. Princeton University Press, Princeton, N.J.
- Pauly, D. 2009. Ecopath: from the French Frigate Shoals to the Philippines and to UBC. p. 17-19 In: M.L.D. Palomares, L. Morissette, A. Cisnero-Montemayor, D. Varkey, M. Coll and C. Piroddi (eds). *Ecopath 25 Years Conference Proceedings: Extended Abstracts*. Fisheries Centre Research Reports 17(3).
- Wabnitz, C., K. Bjorndal, A.B. Bolten, V. Christensen and D. Pauly. 2009. Restoration of *Chelonia mydas* populations in the Caribbean: impacts resulting from reduction of seagrass habitat complexity. p. 122-123 In: M.L.D. Palomares, L. Morissette, A. Cisnero-Montemayor, D. Varkey, M. Coll and C. Piroddi (eds). *Ecopath 25 Years Conference Proceedings: Extended Abstracts*. Fisheries Centre Research Reports 17(3).
- Tremblay-Boyer, L. D. Gascuel and V. Pauly. 2009. A global map of the relative impact of fishing on the biomass of marine ecosystems from 1950 to 2004. p. 132-133 In: M.L.D. Palomares, L. Morissette, A. Cisnero-Montemayor, D. Varkey, M. Coll and C. Piroddi (eds). *Ecopath 25 Years Conference Proceedings: Extended Abstracts*. Fisheries Centre Research Reports 17(3).
- Palomares, M.L.D., N. Bailly and D. Pauly. 2009. FishBase, SeaLifeBase and database-driven ecosystem modeling. p. 156-158 In: M.L.D. Palomares, L. Morissette, A. Cisnero-Montemayor, D. Varkey, M. Coll and C. Piroddi (eds). *Ecopath 25 Years Conference Proceedings: Extended Abstracts*. Fisheries Centre Research Reports 17(3).
- Pauly, D. and the *Sea Around Us*. 2009. Fishing and Aquaculture, p. 69 In: *Visual Atlas of the World*. National Geographic, Washington, D.C.
- Gascuel, D., L. Tremblay-Boyer and D. Pauly. 2009. *EcoTroph (ET): a trophic level-based software for assessing the impact of fishing on aquatic ecosystems*. Fisheries Centre Research Reports 17(1), 82 p.
- Dulvy, N.K., E. Chassot, S.J.J. Heymans, K. Hyde, D. Pauly, T. Platt and K. Sherman. 2009. Climate Change, Ecosystem Variability and Fisheries Productivity, Chapter 2, p. 11-28, In: M.-H. Forget, V. Stuart and T. Platt (eds) *Remote Sensing in Fisheries and Aquaculture*. International Ocean-Colour Coordinating Group, Report No. 8, Dartmouth, Canada.

2009 -OTHER ITEMS

- Cullis-Suzuki, S. and D. Pauly. 2009. *Evaluating global regional fisheries management organizations: methodology and scoring*. Fisheries Centre Working Paper #2009-12, [ftp://ftp.fisheries.ubc.ca/FCWP/FCWP_2009-12_CullisSuzukiPauly.pdf], 23p.
- Pauly, D. and W.W.L. Cheung. 2009. Global warming: effects on sea-food security. *Sea Around Us Newsletter* No. 55 (Sept./Oct.): 1-5.
- Pauly, D. and R. Watson. 2009. Counting the last fish, p. 315 In: D.L. Draper and M.G. Reed. *Our environment: a Canadian perspective*. Nelson Thomson Learning, Toronto.
- Pauly, D. 2009. Fish as Food: a love affair, issues included. *The Huffington Post*. November 12, http://www.huffingtonpost.com/dr-daniel-pauly/fish-as-food-a-love-affai_b_354399.html (see also <http://www.huffingtonpost.com/dr-daniel-pauly/>)
- Pauly, D. 2009. Aquacalypse Now: The End of Fish. *The New Republic*. October 7: 24-27. [Reprinted in shortened version in *The Week: The Best of Australian and International Media*, Oct. 23, p. 40-41; Spanish versions by *Ocean Sentry* El Fin de los Peces and *Acuapocalipsis Now: el final de los peces*. *OKEANOS: Revista de la Sociedad Atlántica de Oceanógrafos* No 6 enero-junio 2018, p. 52-58. Also reprinted in *Vanishing Fish* (D. Pauly 2019), from which it was extracted by *The Narwal*; <https://thenarwhal.ca/aquacalypse-now-end-fish/>].
- Sumaila, U.R., A. Khan, A. Dyck, R. Watson, G. Munro, P. Tyedmers and D. Pauly. 2009. *A Bottom-up Re-estimation of global fisheries subsidies*. Fisheries Centre Working Paper #2009-11, The University of British Columbia, Vancouver, B.C., Canada.
- Pauly, D. 2009. Los próximos 10 años decideran el futuro de nuestra civilization. *El País* (Spain), July 5, 2009. [Interview with Malén Aznárez; reprinted in *Pesca* (Peru), 101(7): 20-22]
- Pauly, D. and J. Jacquet. 2009. Something's Fishy about this Eco-Stamp of Approval: Scooping up wild fish to feed to farm animals just doesn't make sense. *The Tyee*. <http://thetyee.ca/Opinion/2009/09/14/wastedfishfood/>

- Pauly, D. 2009. L'océan mondial ne contiendra bientôt plus de poissons. *Les Dossiers de La Recherche* (36): 36-40. [Interview with Y. Sciama]
- Pauly, D. 2009. Sushinomics. *Foreign Policy*, March/April: 36-37.
- Tremblay-Boyer, L., D. Gascuel and D. Pauly. 2009. *Estimation et cartographie de l'impact de la pêche sur les biomasses marines à l'échelle mondiale, de 1950 à 2004*. 9ième Forum Halieumétrie -Les indicateurs en halieutique : pertinence, précision et robustesse", Brest, Juin 2009.
- Pauly, D. 2009. Toward a conservation ethic for the sea: steps in a personal and intellectual odyssey. Abstract of Keynote address, p. 12 *In: Making Science Matter – International Marine Conservation Congress, 19-24 May 2009, George Mason University, Virginia, USA*. Full lecture available at http://scienceblogs.com/guiltyplanet/2009/05/daniel_pauly_keynote_imcc.php
- Pauly, D. 2009. "Ein Schatten ihrer selbst". *Sonntagsjournal der Nordsee-Zeitung* (Germany), June 29, 2009, p. 14. [Interview]
- Pauly, D. 2009. La surpêche: un problème global et systémique. *Sciences au Sud – le journal de l'IRD*. No 49, p. 1 & 5. [Interview]
- Pauly, D. 2009. A Brief History of Collapse. *In: Six experts discuss the global fisheries crisis. SEED Magazine Blog*, http://seedmagazine.com/content/article/finding_fish/

2008 - ITEMS IN PEER-REVIEWED JOURNALS

- Alder, J., B. Campbell, V. Karpouzi, K. Kaschner and D. Pauly. 2008. Forage fish: from Ecosystems to Markets. *Annual Reviews in Environment and Resources* 33: 153-166 [+ 8 pages of figures]. doi 10.1146/annurev.enviro.33.020807.143204.
- Pan, M., N. Bailly, J. Conejar, C. Dar, R. Froese, C. Garilao, L.I. Guerzon, E. Laxamana, L. Paglinawan, D. Pauly, P. Sorongon, G.K. Tarabanza and M.L.D. Palomares. 2008. Philippine marine biodiversity: statues and gaps. *University of the Philippines in the Visayas Journal of Natural Sciences*, 13 (Supplement): 123-192.
- Guénette, S., V. Christensen and D. Pauly. 2008. Trophic modelling of the Peruvian upwelling ecosystem: towards reconciliation of multiple datasets. *Progress in Oceanography* 79: 326-335. doi 10.1016/j.pocean.2008.10.005.
- Pauly, D. 2008. Agreeing with Daniel Bromley. *Maritime Studies (MAST)* 6(2): 27-28.
- Sumaila, U. R., L. Teh, R. Watson, P. Tyedmers and D. Pauly. 2008. Fuel price increase, subsidies, overcapacity and resource sustainability. *ICES Journal of Marine Science* 65: 832-840. doi 10.1093/icesjms/fsn070.
- Cheung, W. W.L., C. Close, V.W.Y. Lam, R. Watson and D. Pauly. 2008. Application of macroecological theory to predict effects of climate change on global fisheries potential. *Marine Ecology Progress Series* 365: 187-193. doi 10.3354/meps07414.
- Pauly, D. 2008. The end of the line? Review of M. Kurlansky's *The Last Fish Tale*. *Nature*, 453: 1180-1181.
- Jacquet, J. and D. Pauly. 2008. Funding Priorities: Big Barriers to Small-scale Fisheries. 2008. *Conservation Biology* 22(4): 832-835. doi 10.1111/j.1523-1739.2008.00978.x.
- Pauly, D. and K.I. Stergiou. 2008. Re-interpretation of 'influence weight' as a citation-based Index of New Knowledge (INK). *Ethics in Science and Environmental Politics* 8: 1-4. doi 10.3354/esepp00090.
- Pauly, D. 2008. Global fisheries: a brief review. *Journal of Biological Research-Thessaloniki* 9: 3-9.
- Freire, K., V. Christensen and D. Pauly. 2008. Description of the East Brazil Large Marine Ecosystem using a trophic model. *Scientia Marina* 72(2): 477-491. doi 10.3989/scimar.2008.72n3477.
- Wood, L., L. Fish, J. Laughren and D. Pauly. 2008. Assessing progress towards global marine protection targets: shortfalls in information and action. *Oryx, The international Journal of Conservation* 42(3): 340-351. doi 10.1017/S003060530800046X
- Bhathal, B. and D. Pauly. 2008. 'Fishing down marine food webs' and spatial expansion of coastal fisheries in India, 1950-2000. *Fisheries Research* 91: 26-34. doi 10.1016/j.fishres.2007.10.022.
- Jacquet, J. and D. Pauly. 2008. Trade secrets: renaming and mislabeling of seafood. *Marine Policy* 32: 309-318. doi 10.1016/j.marpol.2007.06.007.
- Arbarch-Leloup, F., N. Desroy, P. Le Mao, D. Pauly and O. Le Pape. 2008. Interactions between a natural food web, shellfish farming and exotic species: the case of the Bay of Mont Saint Michel (France). *Estuarine, Coastal and Shelf Science* 76: 111-120. doi 10.1016/j.ecss.2007.06.011.

2008 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Palomares, M.L.D. and D. Pauly. (Editors). 2008. *Von Bertalanffy Growth Parameters of Non-Fish Marine Organisms*. Fisheries Centre Research Report 16(10), 138 p.
- Palomares, M.L.D., P.M.E. Sorsogon, A. Hunter and D. Pauly. 2008. Growth of marine mammals. p. 2-26 *In: M.L.D. Palomares and D. Pauly (eds) Von Bertalanffy Growth Parameters of Non-Fish Marine Organisms*. Fisheries Centre Research Report 16(10).
- Karpouzi, V.S. and D. Pauly. 2008. Life-history pattern in marine birds. p. 27-53 *In: M.L.D. Palomares and D. Pauly (eds) Von Bertalanffy Growth Parameters of Non-Fish Marine Organisms*. Fisheries Centre Research Report 16(10).
- Jones, T., M. Hastings, B. Boston, D. Pauly and D.R. Jones. 2008. Growth of leatherback sea turtle (*Dermochelys coriacea*) in captivity, with inferences on growth in the wild, p. 82-91 *In: M.L.D. Palomares and D. Pauly (eds) Von Bertalanffy Growth Parameters of Non-Fish Marine Organisms*. Fisheries Centre Research Report 16(10).
- Wabnitz, C. and D. Pauly. 2008. Length-weight relationships and additional growth parameters for sea turtles. 92-101 *In: M.L.D. Palomares and D. Pauly (eds) Von Bertalanffy Growth Parameters of Non-Fish Marine Organisms*. Fisheries Centre Research Report 16(10).
- Alder, J. and D. Pauly. (Editors). 2008. *A comparative assessment of biodiversity, fisheries and aquaculture in 53 countries' Exclusive Economic Zones*. Fisheries Centre Research Reports 16(7), 90 p.
- Alder, J. and D. Pauly. 2008. Aggregate performance of countries in managing their EEZs, p. 3-12 *In: J. Alder and D. Pauly (eds) A comparative assessment of biodiversity, fisheries and aquaculture in 53 countries' Exclusive Economic Zones*. Fisheries Centre Research Reports 16(7). [Reprinted in parts *In: Kisner, M. 2009. El Dr Daniel Pauly y la pesca sustentable. Revista Pesca* (Peru), Jan-Feb: 8-13].
- Mondoux, S., T.J. Pitcher and D. Pauly. 2008. Ranking maritime countries by the sustainability of their fisheries. p. 13-27 *In: J. Alder and D. Pauly*

- (eds) *A comparative assessment of biodiversity, fisheries and aquaculture in 53 countries' Exclusive Economic Zones*. Fisheries Centre Research Reports 16(7).
- Pauly, D. and R. Watson. 2008. Adjusting for context in evaluating national fisheries statistics reporting systems. p. 57-61 *In: J. Alder and D. Pauly (eds) A comparative assessment of biodiversity, fisheries and aquaculture in 53 countries' Exclusive Economic Zones*. Fisheries Centre Research Reports 16(7).
- Karpouzi, V.S. and D. Pauly. 2008. A framework for evaluating national seabird conservation efforts. p. 62-70 *In: J. Alder and D. Pauly (eds) A comparative assessment of biodiversity, fisheries and aquaculture in 53 countries' Exclusive Economic Zones*. Fisheries Centre Research Reports 16(7).
- Swartz, W., K. Kaschner and D. Pauly. 2008. The marine mammal protection index: ranking countries' conservation performance. p. 71-84 *In: J. Alder and D. Pauly (eds) A comparative assessment of biodiversity, fisheries and aquaculture in 53 countries' Exclusive Economic Zones*. Fisheries Centre Research Reports 16(7).
- Cullis-Suzuki, S. and D. Pauly. 2008. Preliminary estimates of national and global costs of marine protected areas. p. 85-90 *In: J. Alder and D. Pauly (eds) A comparative assessment of biodiversity, fisheries and aquaculture in 53 countries' Exclusive Economic Zones*. Fisheries Centre Research Reports 16(7).
- Booth, S., D. Zeller and D. Pauly. 2008.. *Baseline study of marine catches from Arctic Alaska: 1950-2006*. Lenfest Ocean Program, Washington, D.C. Philadelphia, 15 p.
- Christensen, V., C.J. Walters, R. Ahrens, J. Alder, J. Buszowski, L.B. Christensen, W.W.L. Cheung, J. Dunne, R. Froese, V. Karpouzi, K. Kaschner, K. Kearney, S. Lai, V.W.Y. Lam, M.L.D. Palomares, A. Peters-Mason, C. Piroddi, J.L. Sarmiento, J. Steenbeek, U.R. Sumaila, R. Watson, D. Zeller and D. Pauly. 2008. Models of the world's large marine ecosystems. GEF/LME global project Promoting Ecosystem-based Approaches to Fisheries Conservation and Large Marine Ecosystems, UNESCO/Intergovernmental Oceanographic Commissions Technical Series No. 80, iv + 43 p.
- Swartz, W. and D. Pauly. 2008. *Who's Eating all the Fish? The Food Security Rationale for Culling Cetaceans*. Humane Society of the United States. Washington. [available from: http://www.hsus.org/marine_mammals/save_whales_not_whaling/]. [Executive summary also available in Spanish and French]
- Cheung, W.W.L., V.W.Y. Lam and D. Pauly (Editors). 2008. *Modelling Present and Climate-shifted Distribution of Marine Fishes and Invertebrates*. Fisheries Centre Research Report 16(3), 72 p.
- Cheung, W.W.L., V.W.Y. Lam and D. Pauly. 2008. Dynamic bioclimate envelope model to predict climate-induced changes in distributions of marine fishes and invertebrates, p. 5-50. *In: W.W.L. Cheung, V.W.Y. Lam and D. Pauly (eds) Modelling Present and Climate-shifted Distribution of Marine Fishes and Invertebrates*. Fisheries Centre Research Reports 16(3).
- Lam, V.W.Y., W.W.L. Cheung, C. Close and D. Pauly. 2008. Modelling seasonal distributions of pelagic marine fishes and squids, p. 51-62. *In: W.W.L. Cheung, V.W.Y. Lam and D. Pauly (eds) Modelling Present and Climate-shifted Distribution of Marine Fishes and Invertebrates*. Fisheries Centre Research Reports 16(3).
- Pauly, D., W.W.L. Cheung, C. Close, S. Hodgson, S., V.W.Y. Lam and R. Watson. 2008. Asymmetry in latitudinal, longitudinal and bathymetric distribution of marine fishes and invertebrates, p. 63-72. *In: W.W.L. Cheung, V.W.Y. Lam and D. Pauly (eds) Modelling Present and Climate-shifted Distribution of Marine Fishes and Invertebrates*. Fisheries Centre Research Report 16(3).
- Pauly, D., J. Alder, S. Booth, W.W.L. Cheung, V. Christensen, C. Close, U.R. Sumaila, W. Swartz, A. Tavakolie, R. Watson, L. Wood and D. Zeller. 2008. Fisheries in Large Marine Ecosystems: Descriptions and Diagnoses. p. 23-40. *In: K. Sherman and G. Hempel (eds) The UNEP Large Marine Ecosystem Report: A Perspective on Changing Conditions in LMEs of the World's Regional Seas*. Nairobi, Kenya, UNEP Regional Seas Reports and Studies No. 182.
- Engelman, R., D. Pauly, D. Zeller, R.G. Prinn, J.K. Pinnegar and N.V.C. Polunin. 2008. Introduction: Climate, people, fisheries and aquatic ecosystems, p. 1-15 *In: N.V.C. Polunin (ed.) Aquatic Ecosystems: Trends and Global Prospects*. Cambridge University Press, New York.
- Pauly, D. 2008. Beauty for Fishes, p. 21-25 *In: S. Comer and D. Klochko (eds) Ichthyo: The Architecture of Fish. X-Rays from the Smithsonian Institution*. Chronicle Books, San Francisco.
- Pauly, D. 2008. Reconciling Fisheries with Conservation: The Challenge of Managing Ecosystem - Conference Grand Keynote. p. 1-4 *In: J.L. Nielsen, J.J. Dodson, K. Friedland, T.R. Hamon, J. Musick and E. Vespoor (eds) Reconciling Fisheries with Conservation: Proceedings of the Fourth World Fisheries Congress*, American Fisheries Society, Symposium 49, Bethesda, Maryland.
- Chuenpagdee, R. and D. Pauly. 2008. Small is beautiful? A database approach for global assessment of small-scale fisheries: preliminary results and hypotheses. p. 575-584. *In: J.L. Nielsen, J.J. Dodson, K. Friedland, T.R. Hamon, J. Musick and E. Vespoor (eds) Reconciling Fisheries with Conservation: Proceedings of the Fourth World Fisheries Congress*, American Fisheries Society, Symposium 49, Bethesda, Maryland.

2008 - OTHER ITEMS

- Pauly, D. 2008/2009. On Marine Ecosystems, Fisheries Management and Semantics. *Marine Ecosystems and Management*, Dec. '08/Feb. '09. Vol. 2(2): 5.
- Pauly, D. 2008. Foreword (p. iii) to the *First Report (1990-2007) of the Laboratory of Ichthyology of the Department of Biology*, Aristotle University of Thessaloniki, Greece.
- Christensen, V., C.J. Walters, D. Pauly and R. Forrest, 2008. *Ecopath with Ecosim version 6 user guide*. Lenfest Ocean Futures Project, University of British Columbia, Vancouver.
- Pauly, D. 2008. To William Cheung, on the completion of his postdoc with the *Sea Around Us* Project (2007-2008). *Sea Around Us Project Newsletter*, November/December (50):4.
- Pauly, D. 2008. Japan's fisheries and the whales – not. *Sea Around Us Project Newsletter*, September/October (49): 1-3.

- Pauly, D. 2008. Acceptance speech and lecture, 4th Ramon Margalef Prize in Ecology, September 6, 2008. [Catalan and Spanish translations are available at these URL:
http://www.gencat.net/premiramonmargalef/pdf/2008_discurs_paulu_cat.pdf
http://www.gencat.net/premiramonmargalef/pdf/2008_discurs_paulu_cas.pdf
- Gascuel, D., S. Guénette and D. Pauly. 2008. *The trophic-level based ecosystem modelling approach: theoretical overview and practical uses*. ASC-ICES CM 2008/ F:18, Halifax, Canada, 16 p.
- Pauly, D. 2008. Coral reef fisheries: three thematic challenges. Abstract of Plenary Lecture, p. xi, *Book of Abstracts, 11th International Coral Reef Symposium*, 7-11 July, Fort Lauderdale, Florida.
- Pauly, D. 2008. Worrying about whales instead of managing fisheries: a personal account of a meeting in Senegal. *Sea Around Us Project Newsletter* May-June (47): 1-4.
- Pauly, D. 2008. Interview with Margaret Boyes. *Fisherman Life*, March 2008: 16-18.
- Pauly, D. 2008. Foreword to: *Sharks of the Open Ocean*, edited by M.D. Camhi, E.K. Pikitch and E.A. Babcock. Blackwell Publishing, p. xxxii-xxxiii.
- Kaschner, K., J.S. Ready, E. Agbayani, J. Rius, K. Kesner-Reyes, P.D. Eastwood, A. B. South, S.O. Kullander, T. Rees, C.H. Close, R. Watson, D. Pauly and R. Froese (Editors). 2008. *AquaMaps Environmental Dataset: Half-Degree Cells Authority File (HCAF)* [see www.aquamaps.org].

2007 - ITEMS IN PEER-REVIEWED JOURNALS

- Palomares, M.L.D., J.J. Heymans and D. Pauly. 2007. Historical Ecology of the Raja Ampat Archipelago, Papua Province, Indonesia. *History and Philosophy of the Life Sciences* 29: 33-56.
- Sumaila, U.R., A. Khan, R. Watson, G. Munro, D. Zeller, N. Baron and D. Pauly. 2007. The World Trade Organization and Global Fisheries Sustainability. *Fisheries Research* 88: 1-4. doi 10.1016/j.fishres.2007.08.017.
- Sumaila, U.R., D. Zeller, R. Watson, J. Alder and D. Pauly. 2007. Potential cost and benefits of marine reserves in the high seas. *Marine Ecology Progress Series* 345: 305-310. doi 10.3354/meps07065.
- Karpouzi, V.S., R. Watson and D. Pauly. 2007. Modelling and mapping resource overlap between fisheries and seabirds on a global scale: a preliminary assessment. *Marine Ecology Progress Series* 343: 87-99. doi 10.3354/meps06860.
- Pauly, D. 2007. Tales of a Small, but crucial fish: review of *The Most Important Fish* by H. Bruce Franklin. *Science*, 318 (November 2): 750-751. doi 10.1126/science.1147800.
- Freire, K.M., V. Christensen and D. Pauly. 2007. Assessing fishing policies for northeastern Brazil. *Pan-American Journal of Aquatic Sciences* 2(2): 113-130.
- Sumaila, U.R. and D. Pauly. 2007. All fishing nations must unite to cut subsidies. *Nature* 450: 945. doi 10.1038/450945a.
- Sumaila, U.R., A.D. Marsden, R. Watson and D. Pauly. 2007. A global ex-vessel price database: construction and applications. *Journal of Bioeconomics* 9: 39-51. doi 10.1007/s10818-007-9015-4.
- Pauly, D. 2007. The *Sea Around Us* Project: Documenting and Communicating Global Fisheries Impacts on Marine Ecosystems. *AMBIO: A Journal of the Human Environment* 36(4): 290-295.
- Pauly, D. 2007. Obituary: Ransom Aldrich Myers (1952-2007). *Nature*, 447: 160. [Shorter version in *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 13(2): 1-2]. doi 10.1038/447160a.
- Zeller, D., S. Booth, G. Davis and D. Pauly. 2007. Re-estimation of small-scale fishery catches for U.S. flag-associated island areas in the western Pacific: the last 50 years. *U.S. Fisheries Bulletin* 105: 266-277.
- Van Houtan, K. and D. Pauly. 2007. Snapshot: Ghost of Destruction. *Nature* 447: 123. doi 10.1038/447123a.
- Cheung, W.W.L., R. Watson, T. Morato, T. Pitcher and D. Pauly. 2007. Change of intrinsic vulnerability in the global fish catch. *Marine Ecology Progress Series*. 333: 1-12. doi 10.3354/meps333001.
- Pauly, D. 2007. Trouble in Paradise: review of *Coral: A Pessimist in Paradise* by Steve Jones. *Nature*, 447: 33-34.
- Jacquet, J. and D. Pauly. 2007. The Rise of Seafood Awareness Campaigns in an Era of Collapsing Fisheries. *Marine Policy*, 31: 308-313. doi 10.1016/j.marpol.2006.09.003.

2007 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Longhurst, A.R. and D. Pauly. 2007. *Ecologia de oceanos tropicais*. Editora da Universidade de São Paulo, 419 p. [Updated translation of: Longhurst, A. and D. Pauly. 1987. *Ecology of Tropical Oceans*. Academic Press, San Diego, 407 p.]
- Gelchu, A. and D. Pauly. 2007. *Growth and distribution of port-based fishing effort within countries' EEZ from 1970 to 1995*. Fisheries Centre Research Reports, Vol. 15(4), 99 p.
- Zeller, D. and D. Pauly (Editors). 2007. *Reconstruction of Marine Fisheries Catches for Key Countries and Regions (1950-2005)*. Fisheries Centre Research Reports, 15(2) 163 p.
- Pauly, D. and W. Swartz. 2007. Marine fish catches in North Siberia (Russia, FAO Area 18). p. 17-33 *In*: D. Zeller and D. Pauly (eds) *Reconstruction of Marine Fisheries Catches for Key Countries and Regions (1950-2005)*. Fisheries Centre Research Reports, 15(2).
- Gascuel, D., D. Zeller, Mahfoud O Taleb Sidi and D. Pauly. 2007. Reconstructed catches in the Mauritanian EEZ. p. 105-119 *In*: D. Zeller and D. Pauly (eds) *Reconstruction of Marine Fisheries Catches for Key Countries and Regions (1950-2005)*. Fisheries Centre Research Reports, 15(2).
- Cheung, W.W.L, T.J. Pitcher and D. Pauly. 2007. Using an expert system to evaluate vulnerabilities and conservation risk of marine fishes from

- fishing. p. 25-51 In: A.P. Lipshitz (ed.). *New Research on Expert System*. Nova Science Publishers, New York.
- Guénette S., V. Christensen, C. Hoover, M.E. Lam, D. Preikshot and D. Pauly. 2007. *A synthesis of research activities at the Fisheries Centre on ecosystem-based fisheries modeling and assessment with emphasis on the Northern and Central Coast of BC*. Fisheries Centre Research Reports, 15(1), 32 p.
- Pauly, D. 2007. Die Auswirkungen der Fischerei auf die Biodiversität. p. 8-13 In: *Fisch ohne Schutz. Hamburger Gespräche für Naturschutz 2007*. Michael Otto Stiftung, Hamburg.
- Pauly, D. and R. Watson. 2007. Counting the last fish. p. 127-134. In: *Oceans: A Scientific American Reader*. University of Chicago Press, Chicago. [Reprinted from *Scientific American*, July 2003: 42-47.]
- Pauly, D. 2007. Fisheries management. In: *Encyclopedia of Life Sciences*. John Wiley & Sons, Ltd: Chichester; <http://www.els.net/> [www.doi: 10.1002/9780470015902.a0003252.pub2]
- Pullin, R.S.V., R. Froese and D. Pauly. 2007. Indicators for the sustainability of aquaculture. p. 53-72 In: T.M. Bert (ed.), *Ecological and Genetic Implications of Aquaculture Activities*. Kluwer Academic Publishers, Dordrecht, The Netherlands.
- Kitchingman, A., S. Lai, T. Morato and D. Pauly. 2007. How many seamounts are there and where are they located? Chapter 2, p. 26-40 In: T.J. Pitcher, T. Morato, P. Hart, M. Clark, N. Haggan and R. Santo (eds), *Seamounts: Ecology Fisheries and Conservation*. Blackwell Fish and Aquatic Resources Series. 12, Oxford, U.K.
- Pauly, D. and R. Chuenpagdee 2007. Fisheries and Coastal Ecosystems: the need for integrated management. Chapter 6, p. 171-185 In: P. Nemetz (ed.) *Sustainable Resource Management*. Edward Elgar Publishing, Camberley, Surrey, U.K. [Reprinted from the *Journal of Business Administration and Policy Analysis* 30-31: 1-18.]
- Pauly, D., R. Watson and V. Christensen. 2007. Les réserves marines: un remède efficace ? *Les Dossiers de la Recherche* No. 28 (August): 34-37 [Updated reprint of « Quand le poisson vient à manquer ». *La Recherche* (July/August 2002) 355: 80-83].

2007 - OTHER ITEMS

- Pauly, D. 2007. On bycatch, or how W.H.L. Allsopp coined a new word and created new insights. *Sea Around Us Project Newsletter*, November/December 2007 (44): 1-4.
- Pauly, D., J. Alder, S. Booth, W.W.L. Cheung, C. Close, U.R. Sumaila, W. Swartz, A. Tavakolie, R. Watson, L. Wood and D. Zeller. 2007. Large Marine Ecosystems and the *Sea Around Us* Project. *Sea Around Us Project Newsletter*, July-August (42): 3-6.
- Pauly, D. 2007. Small but Mighty: elevate the role of small-scale fishers in the world market. [One of '10 Solutions to Save the Oceans'] *Conservation* 8(3): 25. [Reprinted In: *Nature Conservancy* 57(4): 34]
- Pitcher, T. and D. Pauly. 2007. The Art and nature of nurture. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 13(2): 3.
- Pauly, D. 2007. El Proyecto *Sea Around Us* (Mar que nos rodea): documentar y difundir los efectos de las pesquerías mundiales sobre los ecosistemas marinos. (Crisis global de la pesca). *Ecología Política – cuadernos de debate internacional*. No. 32: 79-81.
- Pauly, D. 2007. A marine biologist dives into the history of the Gulf of California. 'Journal Club', *Nature*, 445:343.
- Pauly, D. 2007. 'Spotlight' (Biography and Q & A), p. 166-167 In: N.S. Sodhi, B.W. Brook and C.J.A. Bradshaw. *Tropical Conservation Biology*. Blackwell Publishing, Malden, Massachusetts, USA, Oxford, United Kingdom, England, UK and Carlton, Victoria, Australia.
- Pauly, D. and M.L.D. Palomares. 2007. SeaLifeBase as a support system for modelling marine ecosystems. *Abstracts, 6th European Conference on Ecological Modelling - ECEM '07*. Trieste, Italy, November 27-30, 2007, p. 18.
- Gascuel D., V. Christensen and D. Pauly. 2007. EcoTroph: modelling marine ecosystem functioning and impact of fishing. *Abstract, 6th European Conference on Ecological Modelling - ECEM'07*. Trieste, Italy, November 27-30, 2007, p. 179.

2006 - ITEMS IN PEER-REVIEWED JOURNALS

- Zeller, D., S. Booth and D. Pauly. 2006. Fisheries contributions to the gross domestic product: underestimating small-scale fisheries in the Pacific. *Marine Resource Economics* 21(4), 355-374. doi 10.1086/mre.21.4.42629521.
- Palomares, M.L.D., E. Mohammed and D. Pauly. 2006. European expeditions as a source of historic abundance data on marine organisms: a case study of the Falkland Islands. *Environmental History*. 11 (October): 835-847. doi 10.1093/envhis/11.4.835.
- Pauly, D. 2006. Rejoinder: Towards Consilience in Small-Scale Fisheries Research. *Maritime Studies (MAST)*. 4(2): 47-51.
- Pauly, D. 2006. Major trends in small-scale marine fisheries, with emphasis on developing countries and some implications for the social sciences. *Maritime Studies (MAST)* 4(2): 7-22.
- Garces, L.R., G.T. Silvestre, I. Stobutzki, F.C. Gayanilo, F. Valdez, M. Saupi, T. Boonvanich, M. Roongatri, P. Thouc, Purwanto, I. Haroon, K.N. Kurup, M. Srinath, H.A.B. Rodrigo, M.D. Santos, F.S.B. Torres, M.K. Khan and D. Pauly. 2006. A regional database management system - the fisheries resource information system and tools (FIRST): its design, utility and future directions. *Fisheries Research* 78: 119-129. doi 10.1016/j.fishres.2006.02.003.
- Kaschner, K., R. Watson, A.W. Trites and D. Pauly. 2006. Mapping world-wide distribution of marine mammal species using a Relative Environmental Suitability (RES) model. *Marine Ecology Progress Series*. 316: 285-310. doi 10.3354/meps316285.
- Morato, T., R. Watson, T.J. Pitcher and D. Pauly. 2006. Fishing down the deep. *Fish and Fisheries* 7(1): 24-34. doi 10.1111/j.1467-2979.2006.00205.x.
- Chuenpagdee, R., D. Preikshot, L. Liguori and D. Pauly. 2006. A public sentiment index for ecosystem management. *Ecosystems* 9: 463-473. doi 10.1007/s10021-006-0105-2.
- Zeller, D., S. Booth, P. Craig and D. Pauly. 2006. Reconstruction of coral reef fisheries catches in American Samoa, 1950 – 2002. *Coral Reefs* 25: 144-152. doi 10.1007/s00338-005-0067-4.

2006 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Chuenpagdee, R., L. Liguori, M.L.D. Palomares and D. Pauly. 2006. *Bottom-Up, Global Estimates of Small-Scale Marine Fisheries Catches*. Fisheries Centre Research Report 14(8), 112 p.
- Sumaila, U.R. and Pauly, D. (Editors.) 2006. *Catching more bait: a bottom-up re-estimation of global fisheries subsidies*. Fisheries Centre Research Reports 14(6), 114 p.
- Sumaila, U.R. and D. Pauly. 2006. Executive Summary. p. 1 *In: U.R. Sumaila and Pauly, D. (eds) Catching more bait: a bottom-up re-estimation of global fisheries subsidies*. Fisheries Centre Research Reports 14(6).
- Khan, A., U.R. Sumaila, R. Watson, G. Munro and D. Pauly. 2006. The nature and magnitude of global non-fuel fisheries subsidies. p. 5-36 *In: U.R. Sumaila and Pauly, D. (eds) Catching more bait: a bottom-up re-estimation of global fisheries subsidies*. Fisheries Centre Research Reports 14(6).
- Sumaila, U.R., L. Teh, R. Watson, P. Tyedmers and D. Pauly. 2006. Fuel subsidies to fisheries globally: Magnitude and impacts on resource sustainability. p. 38-48 *In: U.R. Sumaila and D. Pauly. (eds) Catching more bait: a bottom-up re-estimation of global fisheries subsidies*. Fisheries Centre Research Reports 14(6).
- Sumaila, U.R., A. Khan, L. Teh, R. Watson, P. Tyedmers and D. Pauly. 2006. Subsidies to high seas bottom trawl fleet and the sustainability of deep-sea benthic fish stocks. p. 49-53 *In: U.R. Sumaila and D. Pauly. (eds) Catching more bait: a bottom-up re-estimation of global fisheries subsidies*. Fisheries Centre Research Reports 14(6).
- Palomares, M.L.D., K.I. Stergiou and D. Pauly (Editors). 2006. *Fishes in Databases and Ecosystems*. Fisheries Centre Research Reports 14(4), 95 p.
- Close, C., W.W.L. Cheung, S. Hodgson, V.W.Y. Lam, R. Watson and D. Pauly. 2006. Distribution ranges of commercial fishes and invertebrates. p. 27-37 *In: M.L.D. Palomares, K.I. Stergiou and D. Pauly (eds) Fishes in Databases and Ecosystems*. Fisheries Centre Research Reports 14(4).
- Palomares, M.L.D., N. Bailly, R. Froese and D. Pauly. 2006. A preliminary list of English common names for as yet unnamed fish families, p. 38-48 *In: M.L.D. Palomares, K.I. Stergiou and D. Pauly (eds) Fishes in Databases and Ecosystems*. Fisheries Centre Research Reports 14(4).
- Turay, I., J.M. Vakily, M.L.D. Palomares and D. Pauly. 2006. Growth, food and reproduction of the mudskipper, *Periophthalmus barbarus* on mudflats of Freetown, Sierra Leone, p. 49-54 *In: M.L.D. Palomares, K.I. Stergiou and D. Pauly (eds) Fishes in Databases and Ecosystems*. Fisheries Centre Research Reports 14(4).
- Pauly, D. 2006. Note on the weight of body parts, including fins, of the smalltooth sawfish *Pristis pectinata*, p. 55 *In: M.L.D. Palomares, K.I. Stergiou and D. Pauly (eds) Fishes in Databases and Ecosystems*. Fisheries Centre Research Reports 14(4).
- Andersen, C. and D. Pauly. 2006. A comparison of growth parameters of Australian marine fishes north and south of 28° south, p. 65-68 *In: M.L.D. Palomares, K.I. Stergiou and D. Pauly (eds) Fishes in Databases and Ecosystems*. Fisheries Centre Research Reports 14(4).
- Pauly, D. 2006. Effects of lake and pond aeration on fish growth and related processes, p. 89-95 *In: M.L.D. Palomares, K.I. Stergiou and D. Pauly (eds) Fishes in Databases and Ecosystems*. Fisheries Centre Research Reports 14(4).
- Alder, J. and D. Pauly. (Editors) 2006. *On the multiple uses of forage fish: from ecosystem to markets*. Fisheries Centre Research Reports 14(3), 109 p.
- Watson, R., J. Alder and D. Pauly. 2006. Fisheries for Forage Fish, p. 1-20 *In: J. Alder and D. Pauly (eds) On the multiple uses of forage fish: from ecosystem to markets*. Fisheries Centre Research Reports 14(3).
- Alder, J. and D. Pauly. 2006. Human consumption of Forage Fish, p. 21-32 *In: J. Alder and D. Pauly (eds) On the multiple uses of forage fish: from ecosystem to markets*. Fisheries Centre Research Reports 14(3).
- Kaschner, K., V. Karpouzi, R. Watson and D. Pauly. 2006. Forage Fish Consumption by Marine Mammals and Seabirds, p. 33-46 *In: J. Alder and D. Pauly (eds) On the multiple uses of forage fish: from ecosystem to markets*. Fisheries Centre Research Reports 14(3).
- Zeller, D., S. Booth, V.W.Y. Lam, S. Lai, C. Close and D. Pauly. 2006. Global dispersion of dioxin: a spatial Dynamic Model, with Emphasis on Ocean Deposition, p. 67-82 *In: J. Alder and D. Pauly (eds) On the multiple uses of forage fish: from ecosystem to markets*. Fisheries Centre Research Reports 14(3).
- Pauly, D., J. Alder, E. Bennett, V. Christensen, P. Tyedmers and R. Watson. 2006. World Fisheries: The Next 50 Years p. 29-36 *In: D. Kennedy et al. (eds) Science Magazine's State of the Planet, 2006-2007*. AAAS and Island Press, Washington, DC. [Updated reprint from "The Future for Fisheries", *Science* 302: 1359-1361]
- Trites, A.W., V. Christensen and D. Pauly. 2006. Effects of fisheries on marine ecosystems: just another top predator? Chapter 2, p. 11-27 *In: I.L. Boyd, S. Wanless and C.J. Camphuysen (eds) Top predators in marine ecosystems*. Cambridge University Press, Cambridge.
- Pauly, D. 2006. There is still Time for Fisheries. p. 47-49 *In: Ecoliving: Working Together for a Sustainable World*. Regina Ecoliving Inc., Regina, Saskatchewan.
- Pauly, D., J. Alder, E. Bennett, V. Christensen, P. Tyedmers and R. Watson. 2006. El futuro de las pesquerías. p. 339-345 and 402-403 *In: P. Trillo (ed.) Libro del Centenario de Chimbote*, Yan Producciones, Lima, Peru. [Authorized translation of 'The future for fisheries' (*Science* 302: 1359-1361) by the same authors].
- Pauly, D. 2006. Nachhaltiges Fischereimanagement – kann es das geben? p. 321-327 *In: G. Hempel, I. Hempel and S. Schiel (Hrsg.). Faszination Meeresforschung – Ein Ökologisches Lesebuch*. Verlag H.M. Hauschild, Bremen.

2006 - OTHER ITEMS

- Pauly, D. and D. Zeller (Lead Authors); J. Emmet Duffy (Topic Editor). 2006. Marine Fisheries *In: C.J. Cleveland (ed.) Encyclopedia of Earth*. Environmental Information Coalition, National Council for Science and the Environment. [www.eoearth.org/article/Marine_fisheries].
- Pauly, D. 2006. The Scientist as Communicator. *SeaWeb* [www.seaweb.org/oceanvoices.php], 6 p. [Talk with Nancy Baron]
- Walters, C.J., R. Hilborn and D. Pauly. 2006. Ideas, confidence and mentorship: acceptance speech for Volvo Environment Award, 2006. *FishBytes*,

the Newsletter of the Fisheries Centre, UBC, 12(5): 1-2.

- Pauly, D. 2006. Llegará un día en que la flota española se dedicará sólo a pescar medusas. *La Vanguardia* (Spain), August 8, 2006, p. 27. [Interview with Beatriz. Navarro]
- Karpouzi, V., R. Watson and D. Pauly. 2006. Modelling and mapping resource overlap between fisheries and seabirds on a global scale. *ICES CM* 2006/L:01.
- Pauly, D. 2006. Babette's Feast in Lima. *Sea Around Us Project Newsletter*. November/December (38): 1-2.
- Pauly, D. 2006. Une recherche pour la survie de tous. *Science au Sud - le journal de l'IRD*. Nov./Dec., No 37, 2006.
- Zeller, D., S. Booth and D. Pauly. 2006. The contribution of fisheries to GDP: underestimating the role of small-scale fisheries, p. 220 *In: U.R. Sumaila and A.D. Marsden (eds) Proceedings of the 2005 North American Association of Fisheries Economists Forum*. Fisheries Centre Research Report 14(1).
- Pauly, D. 2006. Recalling the goals of the *Sea Around Us* project: documenting, communicating and mitigating fisheries impacts on marine ecosystems. *Sea Around Us Project Newsletter*. September/October (37): 1-3.
- Pauly, D. 2006. Unsustainable Marine fisheries. *Sustainable Development Law & Policy*. 7(1): 10.12, 79.
- Pauly, D. 2006. Fisheries subsidies: The Good, the Bad and the Ugly. *El Anzuelo: European Newsletter on Fisheries and the Environment* (17), p. 7.

2005 - ITEMS IN PEER-REVIEWED JOURNALS

- Libralato S., V. Christensen and D. Pauly. 2005. A method for identifying keystone species in food web models. *Ecological Modelling* 195(3-4): 153-171. doi 10.1016/j.ecolmodel.2005.11.029.
- Freire, K.M.F. and D. Pauly. 2005. Richness of common names of Brazilian marine fishes and its effect on catch statistics. *Journal of Ethnobiology* 25 (2): 279-296. doi 10.2993/0278-0771(2005)25[279:ROCN0B]2.o.CO;2.
- Pauly, D. and K. Stergiou. 2005. Equivalence of results from two citation analyses: Thomson ISI's Citation Index and Google's Scholar Service. *Ethics in Science and Environmental Politics* 2005: 33-35. doi 10.3354/esep005033.
- Tyedmers, P., R. Watson and D. Pauly. 2005. Fueling global fishing fleets. *AMBIO: A Journal of the Human Environment* 34(8): 635-638. doi 10.1579/0044-7447-34.8.635.
- Cury, P. M., L.J. Shannon, J.-P. Roux, G. Daskalov, A. Jarre, C.L Moloney and D. Pauly. 2005. Trophodynamic indicators for an ecosystem approach to fisheries. *ICES Journal of Marine Science* 62: 430-442. doi 10.1016/j.icesjms.2004.12.006.
- Zeller, D. and D. Pauly. 2005. Good news, bad news: Global fisheries discards are declining, but so are total catches. *Fish and Fisheries* 6: 156-159. doi 10.1111/j.1467-2979.2005.00177.x.
- Pauly, D. and M.L.D. Palomares. 2005. Fishing down marine food webs: it is far more pervasive than we thought. *Bulletin of Marine Science* 76(2): 197-211.
- Pauly, D. and R. Watson. 2005. Background and interpretation of the 'Marine Trophic Index' as a measure of biodiversity. *Philosophical Transactions of the Royal Society: Biological Sciences* 360: 415-423. Doi 10.1098/rstb.2004.1597.
- Pauly, D., R. Watson and J. Alder. 2005. Global trends in world fisheries: impacts on marine ecosystems and food security. *Philosophical Transactions of the Royal Society: Biological Sciences* 360: 5-12. doi 10.1098/rstb.2004.1574
- Cheung, W.W.L., T.J. Pitcher and D. Pauly. 2005. A fuzzy logic expert system to estimate intrinsic extinction vulnerabilities of marine fishes to fishing. *Biological Conservation* 124: 97-111. doi 10.1016/j.biocon.2005.01.017.
- Watson, R., J. Alder, A. Kitchingman and D. Pauly. 2005. Catching some needed attention. *Marine Policy* 29(3): 281-284. doi 10.1016/j.marpol.2004.06.006.
- Zeller, D., R. Froese and D. Pauly. 2005. On losing and recovering fisheries and marine science data. *Marine Policy* 29: 69-73. doi 10.1016/j.marpol.2004.02.003.

2005 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. and Collaborators. 2005. *The Sea Around Us Project: A Five-Year Retrospective*. Fisheries Centre, University of British Columbia, 56 p.
- Palomares, M.L.D., P. Pruvost, T. Pitcher and D. Pauly (Editors) 2005. *Modeling Antarctic Marine Ecosystems*. Fisheries Centre Research Reports 13(7), 98 p.
- Zeller, D., S. Booth and D. Pauly. 2005. *Reconstruction of coral reef- and bottom fisheries catches for U.S. Flag Islands in the Western Pacific, 1950-2002*. Report to the Western Pacific Regional Fishery Management Council, Honolulu, 113 p.
- Preikshot, D. and D. Pauly. 2005. Global fisheries and marine conservation: is coexistence possible? Chapter 11, p. 185-197 *In: E.A. Norse and L.B. Crowder (eds) Marine conservation biology: the science of maintaining the sea's biodiversity*. Island Press, Washington.
- Cheung, W.W.L., J. Alder, V. Karpouzi, R. Watson, V.W.Y. Lam, C. Day, K. Kaschner and D. Pauly. 2005. *Patterns of species richness in the high seas*. Secretariat of the Convention on Biological Diversity, Montreal, Technical Series no. 20, 31 p.
- Pauly, D., J. Alder, A. Bakun, S. Heileman, K.H.S. Kock, P. Mace, W. Perrin, K.I. Stergiou, U.R. Sumaila, M. Vierros, K.M.F. Freire, Y. Sadovy, V. Christensen, K. Kaschner, M.L.D. Palomares, P. Tyedmers, C. Wabnitz, R. Watson and B. Worm. 2005. Marine Systems. Chapter 18, p. 477-511 *In: R. Hassan, R. Scholes and N. Ash (eds) Ecosystems and Human Well-being: Current States and Trends, Vol. 1*. Millennium Ecosystem Assessment and Island Press, Washington, D.C.
- Gayanilo, F.C., P. Sparre and D. Pauly. 2005. FAO-ICLARM Sock Assessment Tool II (FiSAT II) – User Guide (Revised version). FAO Computerized Information Series (Fisheries), No 8, 168 p. [Also in French; Arabic (Yemen) translation (2009) by A. Bakhraisa, with the support of EU Project EuropAid/126327/C/SER/YE]
- Watson, R., J. Alder, V. Christensen and D. Pauly. 2005. Mapping global fisheries patterns and their consequences, p. 13-33 *In: D.J. Wright and A.*

- Scholz (eds). *Place Matters – Geospatial Tools for Marine Science, Conservation and Management in the Pacific Northwest*. Oregon State University Press, Corvallis.
- Chuenpagdee, R. and D. Pauly. 2005. Slow Fish: Creating new metaphors for sustainability. p. 69-82. In: J. Swan and D. Gréboval (Compilers) *Report and documentation of the International Workshop on the Implementation of International Fisheries Instruments and Factors of Unsustainability and Overexploitation in Fisheries, Siem Reap, Cambodia, 13-16 September 2004*. FAO Fisheries Report No. 782, Rome.
- Kaschner, K. and D. Pauly. 2005. Competition between marine mammals and fisheries: Food for thought. p. 95-117. In: D. J. Salem and A.N. Rowan (eds), *The State of Animals III: 2005*. Humane Society Press, Washington, D. C.
- Chuenpagdee, R., A. Bundy, A. Charles, P. Christie, L. Fanning, P. Gonzales, J. Houston, L. Liguori, D. Nandakumar, D. Richard, M. Rudd, D. Pauly, S. Salas, J. Smith, R. Sumaila, M. Turnipseed, P. Tyedmers, D. VanderZwaag and K. Zwanenburg. 2005. Creating a positive future for fisheries and coastal communities worldwide. P. 77-88. In: R. Chuenpagdee and A. Bundy (eds) *Innovation and Outlook in Fisheries: An Assessment of Research Presented at the 4th World Fisheries Congress*. Fisheries Centre Research Reports. 13(2).
- Pauly, D. 2005. Interactions of fisheries in ecosystems over time, p. 1-2 & 9-10 In: S. Wooster and J.M. Quinn (eds). Summary Proceedings from the Conference on “*Improving Fisheries Management: Melding Science and Governance*”, November 15-16, 2004. School of Marine Affairs, University of Washington, Seattle.

2005 - OTHER ITEMS

- Pauly, D. 2005. An ethic for marine science: thoughts on receiving the International Cosmos Prize. *Around Us Project Newsletter* September/October (32): 1-4. [Reprinted In: *Fisheries Newsletter*, Secretariat of the Pacific Communities, No. 117 (April-June 2006): 39-40]
- Pauly, D. 2005. The ecology of fishing down marine food webs. *Society for Conservation Biology Newsletter* 12(4). [www.conbio.org/Publications/Newsletter/Archives/2005-9a-November/v12n4004.cfm#A14]
- Palomares, M.L.D. and D. Pauly. 2005. *The Sea Around Us* Project as a partner of FishBase, p. 9-14 In: K.I. Stergiou and D.C. Bobori (eds) *Fish and More: 3rd FishBase Mini-Symposium*. Aristotle University, Thessaloniki, Greece.
- Karpouzi, V., R. Watson and D. Pauly. 2005. A global seabird-base is underway, p. 19-22 In: K.I. Stergiou and D.C. Bobori (eds) *Fish and More: 3rd FishBase Mini-Symposium*. Aristotle University, Thessaloniki, Greece.
- Sumaila, U.R., T. Pitcher and D. Pauly. 2005. On eco-labeling, the MSC and us. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 11(6): 3-5.
- Pauly, D. 2005. On solutions to the global fisheries crisis. *Sea Around Us Project Newsletter*, September/October (31): 1-2.
- Alder, J. and D. Pauly. 2005. Policy, advocacy, NGO's and the *Sea Around Us* Project. *Sea Around Us Project Newsletter*, September/October (31): 3-4.
- Pauly, D. 2005. Die Nachhaltigkeit ist ein Mythos. *Mare – Die Zeitschrift der Meere*, No 51, August/September 2005, p. 88.
- Cheung, W.W.L., J. Alder, V. Karpouzi, R. Watson, V.W.Y. Lam, K. Kaschner, C. Wabnitz and D. Pauly. 2005. Status and trend in high sea biodiversity. p. 3-20 In: *Scientific information on biodiversity in marine areas beyond the limits of national jurisdiction*. Convention on Biological Diversity UNEP/CBD/WG-PA/1/2/add. 1.
- Lam, V.W.Y. and D. Pauly. 2005. Mapping the global biomass of mesopelagic fishes. *Sea Around Us Project Newsletter* July/August (30): 4.
- Pauly, D. 2005. The marine trophic index: a new output of the *Sea Around Us* website. *Sea Around Us Project Newsletter* Issue 29 – May/June (29): 1-3.
- Pauly, D. 2005. In Brussels, they can't see the shoal for the fish: Review of *The End of the Line: how Overfishing is Changing the World and What We Eat* by Charles Clover. *The Times Higher Education Supplement*, April 22 (1688), p. 28.
- Pauly, D. 2005. Rebuilding fisheries will add to Asia's problems. Correspondence to *Nature* 433:457.
- Pauly, D., S. Booth, V. Christensen, W.W.L., Cheung, C. Close, A. Kitchingman, M.L.D. Palomares, R. Watson and D. Zeller. 2005. On the Exploitation of Elasmobranchs, with Emphasis on Cowtail Stingray, *Pastinachus sephen* (Family Dasyatidae). Fisheries Centre Working Paper #2005-07 (www.fisheries.ubc.ca/publications/working/index.php)

2004 - ITEMS IN PEER-REVIEWED JOURNALS

- Zeller, D. and D. Pauly. 2004. The future of fisheries: from 'exclusive' resource policy to 'inclusive' public policy. In: H.I. Browman and K.I. Stergiou (eds) Perspectives on ecosystem-based approaches to the management of marine resources. *Marine Ecology Progress Series* 274: 295-298.
- Vidal-Hernandez, L. and D. Pauly. 2004. Integration of subsystem models as a tool toward describing feeding interactions and fisheries impacts in a Large Marine Ecosystem, the Gulf of Mexico. *Ocean and Coastal Management* 47: 709-725. [Erratum in 48: 654-655]. doi 10.1016/j.ocecoaman.2004.12.009.
- Watson, R., A. Kitchingman, A. Gelchu and D. Pauly. 2004. Mapping global fisheries: sharpening our focus. *Fish and Fisheries* 5: 168-177. doi 10.1111/j.1467-2979.2004.00142.x.
- Froese, R., S. Garthe, U. Piatowski and D. Pauly. 2004. Trophic signatures of marine organisms in the Mediterranean as compared with other ecosystems. *Belgian Journal of Zoology* 134 (Supplement 1): 31-36.
- Kavanagh, P., N. Newlands, V. Christensen and D. Pauly. 2004. Automated parameter optimization for Ecopath ecosystem models. *Ecological Modelling* 172: 141-149. doi 10.1016/j.ecolmodel.2003.09.004.
- Pauly, D. 2004. Much rowing for fish. News and Views. *Nature*, 432: 813-814. doi 10.1038/432813a.
- Christensen, V. and D. Pauly. 2004. Placing fisheries in their ecosystem context, an introduction. *Ecological Modelling* 172: 103-107. doi 10.1016/j.ecolmodel.2003.09.002.
- Chuenpagdee, R. and D. Pauly. 2004. Improving the state of coastal areas in the Asia-Pacific region. *Coastal Management* 32: 3-15. doi

10.1080/08920750490247445.

2004 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. 2004. *Darwin's Fishes: an encyclopedia of ichthyology, ecology and evolution*. Cambridge University Press, Cambridge, xxv + 340 p.
- Chuenpagdee, R. and D. Pauly (Editors). 2004. Theme Issue: *Improving the State of Coastal Areas in the Asia-Pacific Region*. *Coastal Management* 32: 1-102.
- Palomares, M.L.D. and D. Pauly. (Editors). 2004. *West African Marine Ecosystems: Models and Fisheries Impacts*. Fisheries Centre Research Report 12(7), 221 p.
- Pauly, D. 2004. Ecosystem-based fisheries management: the role of the SIAP project. p. 2 *In*: M.L.D. Palomares and D. Pauly (eds) *West African Marine Ecosystems: Models and Fisheries Impacts*. Fisheries Centre Research Report 12(7).
- Koranteng, K. and D. Pauly. 2004. Long-term trends in demersal fishery resources of Ghana in response to fishing pressure. p. 75-81 *In*: M.L.D. Palomares and D. Pauly (eds) *West African Marine Ecosystems: Models and Fisheries Impacts*. Fisheries Centre Research Report 12(7).
- Palomares, M.L.D. and D. Pauly. 2004. Biodiversity of the Namibian Exclusive Economic Zone: a brief review with emphasis on online databases. p. 170-171 *In*: M.L.D. Palomares and D. Pauly (eds) *West African Marine Ecosystems: Models and Fisheries Impacts*. Fisheries Centre Research Report 12(7).
- Christensen, V., P. Amorim, I. Diallo, T. Diouf, S. Guénette, J.J. Heymans, A.N. Mendy, M.O.T.O. Sidi, M.L.D. Palomares, B. Samb, K. Stobberup, J.M. Vakily, M. Vasconcellos, R. Watson and D. Pauly. 2004. Trends in fish biomass off Northwest Africa, 1960-2000. p. 215-221 *In*: M.L.D. Palomares and D. Pauly (eds) *West African Marine Ecosystems: Models and Fisheries Impacts*. Fisheries Centre Research Report 12(7).
- Morato, T. and D. Pauly (Editors). 2004. *Seamounts: Biodiversity and fisheries*. Fisheries Centre Research Reports 12(5): 78 p.
- Cheung, W.W.L., T.J. Pitcher and D. Pauly. 2004. A fuzzy logic expert system for estimating the intrinsic vulnerabilities of seamount fishes relative to fishing. p. 33-50 *In*: T. Morato and D. Pauly (Editors). *Seamounts: Biodiversity and Fisheries*. Fisheries Centre Research Reports 12(5).
- Palomares, M.L.D. and D. Pauly. 2004. Biodiversity of the Namibian Exclusive Economic Zone: a brief review with emphasis on online databases. p. 53-74 *In*: U.R. Sumaila, D. Boyer, M.D. Skogen and S.I. Steinshamm (eds) *Namibia's fisheries: ecological, economic and social aspects*. Eburon Academic Publishers, Amsterdam.
- Willemse, N.E. and D. Pauly. 2004. Reconstruction and interpretation of marine fisheries catches from Namibian waters, 1950 to 2000. p. 99-112 *In*: U.R. Sumaila, D. Boyer, M.D. Skogen and S.I. Steinshamm (eds) *Namibia's fisheries: ecological, economic and social aspects*. Eburon Academic Publishers, Amsterdam.
- Chavance, P., M. Ba, D. Gascuel, J.M. Vakily et D. Pauly (Editors). 2004. *Pêcheries maritimes, écosystèmes et sociétés en Afrique de l'Ouest : un demi-siècle de changement*. Actes du symposium international, Dakar - Sénégal, 24-28 juin 2002. Office des publications officielles des communautés Européennes, XXXVI, collection des rapports de recherche halieutique ACP-UE 15, 532 p. + Appendices. [*Marine Fisheries, Ecosystems and Society in West Africa: Half a Century of Change*. All chapters, whether in French or English, have abstracts and figure and table legends in both languages; www.ird.fr/osiris/telechargement/Symposium%20SIAP/index.htm]
- Vakily, J.M., S.B. Camara, A.N. Mendy, V. Marques, B. Samb, A.J. dos Santos, M.F. Sheriff, M.M. Ould Taleb Sidi and D. Pauly. 2004. Normalisation of the scientific nomenclature of the marine fishes of the Northwest African sub-region. p. 3-10. *In*: P. Chavance, M. Ba, D. Gascuel, M. Vakily et D. Pauly (eds) *Pêcheries maritimes, écosystèmes et sociétés en Afrique de l'Ouest : un demi-siècle de changement*. Collection des rapports de recherche halieutique ACP-UE 15.
- Koranteng, K.A. and D. Pauly. 2004. Long term trends in demersal fishery resources of Ghana in response to fishing pressure. p. 243-252. *In*: P. Chavance, M. Ba, D. Gascuel, M. Vakily et D. Pauly (eds) *Pêcheries maritimes, écosystèmes et sociétés en Afrique de l'Ouest : un demi-siècle de changement*. Collection des rapports de recherche halieutique ACP-UE 15. [Same as in FCRR 12(7), 2004]
- Willemse, N. and D. Pauly. 2004. Ecosystem overfishing: a Namibian case study. p. 253-260. *In*: P. Chavance, M. Ba, D. Gascuel, M. Vakily et D. Pauly (eds) *Pêcheries maritimes, écosystèmes et sociétés en Afrique de l'Ouest : un demi-siècle de changement*. Collection des rapports de recherche halieutique ACP-UE 15.
- Christensen, V., P. Amorim, I. Diallo, T. Diouf, S. Guénette, J.J. Heymans, A. Mendy, M.M. Ould Taleb Ould Sidi, M.L.D. Palomares, B. Samb, K.A. Stobberup, J.M. Vakily, M. Vasconcellos, R. Watson and D. Pauly. 2004. Trends in Fish Biomass off Northwest Africa, 1960-2000. p. 377-386 + Plate VI. *In*: P. Chavance, M. Ba, D. Gascuel, M. Vakily et D. Pauly (eds) *Pêcheries maritimes, écosystèmes et sociétés en Afrique de l'Ouest : un demi-siècle de changement*. Collection des rapports de recherche halieutique ACP-UE 15.
- Chuenpagdee, R. and Pauly, D. 2004. The Gulf of Thailand Trawl Fisheries. p. 203-220. *In*: J. Swan and D. Gréboval. (Compilers). *Report and documentation of the International Workshop on the Implementation of International Fisheries Instruments and Factors of Unsustainability and Overexploitation in Fisheries*. Mauritius, 3-7 February 2003. FAO Fisheries Report No. 700. Rome.

2004 - OTHER ITEMS

- Dill, L.M. and D. Pauly. 2004. The [truth about the] science of fish lice. *The Georgia Straight*, Dec. 16.
- Karpouzi, V.S., Watson, R., & Pauly, D. 2004. Seabird population dynamics as indicators of ecosystem change. Abstract, p. 17 *In*: Quantitative Ecosystem Indicators for Fisheries Management. International Symposium. 31 March - 3 April 2004, Paris, France.
- Libralato, S., V. Christensen and D. Pauly. Identification of keystone species from ecosystem models (poster abstract), p. 19 *In*: Quantitative Ecosystem Indicators for Fisheries Management. International Symposium. 31 March - 3 April 2004, Paris, France.
- Palomares, M.L.D., and D. Pauly. A biodiversity-based data quality indicator for fisheries catch statistics and its socio-economic correlates. Abstract, p. 26 *In*: Quantitative Ecosystem Indicators for Fisheries Management. International Symposium. 31 March - 3 April 2004, Paris, France.
- Cury, P., Shannon, L., Daskalov, G., Moloney, C., Jarre, A., Roux, J.P., & Pauly, D. 2004. Trophodynamic indicators for an ecosystem approach to

- fisheries. Abstract, p. 48 *In: Quantitative Ecosystem Indicators for Fisheries Management. International Symposium. 31 March - 3 April 2004, Paris, France.*
- Chuenpagdee, R. and Pauly, D. 2004. Hard choice and the future of Chesapeake Bay: Integrating ecosystem model, experts' knowledge and stakeholders' preferences as indicators for ecosystem management. Abstract, p. 86 *In: Quantitative Ecosystem Indicators for Fisheries Management. International Symposium. 31 March - 3 April 2004, Paris, France.*
- Preikshot, D., Christensen, V., & Pauly, D. 2004. An examination of ecosystem dynamics across different spatial scales reflected by fisheries and climate indicators of North Pacific Oceanic ecosystems. Abstract, p. 104 *In: Quantitative Ecosystem Indicators for Fisheries Management. International Symposium. 31 March - 3 April 2004, Paris, France.*
- Chuenpagdee, R. and Pauly, D. 2004. Small is Beautiful? – A Global Evaluation of Small-Scale Fisheries. p. 84 *In: Book of Abstracts, 4th World Fisheries congress, May 2-6, 2004, Vancouver, Canada.*
- Kaschner, K. and D. Pauly. 2004. Competition between marine mammals and fisheries: Food for thought. Humane Society, Washington, D. C., 28 p. [available from www.hsus.org, along with executive summaries in French, Italian and Korean]
- Kaschner, K., R. Watson, A.W. Trites and D. Pauly. 2004. *Mapping world-wide distributions of marine mammal species using a relative environmental suitability (RES) model.* (SC/56/E30). Environmental Concerns Working Group, IWC Scientific Committee Meeting, Sorrento, Italy, 30 pp + Appendices.
- Kaschner, K., R. Watson, V. Christensen, A.W. Trites and D. Pauly. 2004. Modeling and mapping trophic overlap between marine mammals and fisheries on a global scale: implications for fisheries management. 4th World Fisheries Congress, May 2-6, 2004, Vancouver, Canada (Abstract).
- Kaschner, K., R. Watson, V. Christensen, A.W. Trites and D. Pauly. 2004. *Modeling and mapping resource overlap between marine mammals and fisheries on a global scale* (SC/56/E31). Environmental Concerns Working Group, IWC Scientific Committee Meeting, Sorrento, Italy, 33 p. + Appendices.
- Kaschner, K., Watson, R., Trites, A.W. and Pauly, D. 2004. Mapping global distributions of marine mammal species using a relative environmental suitability model. Abstract, p. 70 *In: Ocean Biodiversity Informatics*, 29 Nov. – 1 Dec. 2004, Hamburg.
- Libralato, S., Christensen, V., & Pauly, D. 2004. Identification of keystone species from ecosystem models. Abstract, p. 19 *In: Quantitative Ecosystem Indicators for Fisheries Management. International Symposium. 31 March - 3 April 2004, Paris, France.*
- Palomares, M.L.D, V. Karpouzi and D. Pauly. 2004. Special feature seacukes: a database. *Sea Around Us Project Newsletter* January/February (21): 3-5.
- Palomares, M.L.D. & Pauly D. 2004. A biodiversity-based data quality indicator for fisheries catch statistics and its socioeconomic correlates. Abstract, p.26 *In: Quantitative Ecosystem Indicators for Fisheries Management. International Symposium. 31 March - 3 April 2004, Paris, France.*
- Palomares, M.L.D. and Pauly, D. 2004. FishBase at the Fisheries Centre, University of British Columbia. p. 62 *In: Book of Abstracts, 4th World Fisheries Congress, May 2-6, 2004, Vancouver, Canada.*
- Palomares, M.L.D. and Pauly, D. 2004. The SAUP Biodiversity Database: Documenting the Ecosystem and Biodiversity Impacts of Global Marine Fisheries. p. 63 *In: Book of Abstracts, 4th World Fisheries congress, May 2-6, 2004, Vancouver, Canada.*
- Pauly, D. 2004. Empty nets. *Alternatives: Canadian Environmental Ideas and Actions* 30(2):8-13.
- Pauly, D. 2004. High noon for fisheries? *Entwicklung & Ländlicher Raum* 38(6): 3.
- Pauly, D. 2004. Mapping indicators of the state of the world's marine ecosystems. Abstract, p. 116 *In: Quantitative Ecosystem Indicators for Fisheries Management. International Symposium. 31 March - 3 April 2004, Paris, France.*
- Pauly, D. 2004. Marine biodiversity vs. economy, security and health. *Sea Around Us Project Newsletter* July/August (24): 1-2.
- Pauly, D. 2004. On the Need for a Global Network of Large Marine Reserves. p. 63. *In: J. Brooke Shipley (ed.) Aquatic Protected Areas as Fisheries Management Tools.* American Fisheries Society Symposium 42 (Abstract).
- Pauly, D. 2004. Rebuilding fisheries and coastal livelihood in tsunami affected areas. *Sea Around Us Project Newsletter* November/December (26): 1-2.
- Pauly, D. 2004. Reconciling Fisheries with Conservation: The Challenge of Managing Aquatic Ecosystems. p. 1 *In: Book of Abstracts, 4th World Fisheries congress, May 2-6, 2004, Vancouver, Canada.*
- Pauly, D. 2004. Who's reading what. *New Scientist*. August 28, 2004, p. 51.
- Pauly, D. and B. Bhathal. 2004. Paris and its *Jardin des Plantes*, or the 2004 annual meeting of the FishBase Consortium. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 10(5): 6.
- Pauly, D. and C. Barata. 2004. Não acridito que, a pesca, tal como a conhecemos, continue a existir daqui a 30 años. *Ciências* (Portugal), Novembre 8, 2004, p. 27.
- Pauly, D. and R. Forrest. 2004. Welcome to the Fourth World Fisheries Congress. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 10(2): 1.
- Pauly, D. and R. Watson. 2004. Fisheries impact on global marine diversity and ecosystems: inferences from large heterogeneous data sets. Abstract, p. 8 *In: Ocean Biodiversity Informatics*, 29 Nov. – 1 Dec. 2004, Hamburg.
- Pitcher, T.J., Kalikoski, D.C., Watson, R., and Pauly, D. 2004. Estimating Illegal, Unreported and Unregulated Fish Catches. p. 69 *In: Book of Abstracts, 4th World Fisheries congress, May 2-6, 2004, Vancouver, Canada.*
- Poon, A.M., Watson, R., and Pauly, D. 2004. Haunted Waters: a Tentative Global Estimate of Ghost Fishing of Large Crustaceans. p. 239 *In: Book of Abstracts, 4th World Fisheries congress, May 2-6, 2004, Vancouver, Canada.*
- Rius, J., G. Tolentino-Pablico, R. Froese and D. Pauly. 2004. Predicting trophic levels for all fishes. Abstract, p. 96 *In: Ocean Biodiversity Informatics*, 29 Nov. – 1 Dec. 2004, Hamburg.
- Rizzo, Y., A. Coombs, B. Bhathal, K. Freire, A. Gelchu, A., Hunter, V. Karpouzi, K. Kaschner, A. Poon, D. Preikshot, W. Swartz, D. Tesfamichael, L. Wood and D. Pauly. 2004. Studying fisheries on large scales: challenges and opportunities *Book of Abstract, 4th World Fisheries Congress,*

May 2-6, 2004, Vancouver, Canada.

- Tyedmers, P.H., Watson R., and Pauly, D. 2004. The Rapid Expansion of Global Aquaculture's Ecological Footprint. p. 109 *In: Book of Abstracts, 4th World Fisheries congress, May 2-6, 2004, Vancouver, Canada.*
- Tyedmers, P.H., Watson, R., and Pauly, D. 2004. Fueling the Decline: Energy, Overcapacity and Global Fisheries. p. 209 *In: Book of Abstracts, 4th World Fisheries congress, May 2-6, 2004, Vancouver, Canada.*
- Vierros, M. and D. Pauly. 2004. Assessing biodiversity loss in the oceans: a collaborative effort between the Convention on Biological Diversity and the *Sea Around Us* Project. *Sea Around Us Project Newsletter*, May/June (23): 1-4.
- Watson, R., J. Alder, S. Booth, V. Christensen, K. Kaschner, A. Kitchingman, S. Lai, M.L.D. Palomares, F. Valdez, D. Zeller and D. Pauly. 2004. Welcome to www.seaaroundus.org: launching our 'products' on the web. *Sea Around Us Project Newsletter*, March/April (22): 1-8.
- Watson, R., J. Alder, V. Christensen and D. Pauly. 2004. Probing the depth: reverse engineering of fisheries statistics. Presented at the Symposium on 'Place matters: geospatial tools for marine science, conservation and management'. Description p. S20; abstract on attached CD-ROM. *In: AAAS Annual Meeting, 12-16 February 2004, Seattle.*
- Zeller, D. and Pauly, D. 2004. The Global Fisheries Crisis as a Rationale For Improving and Reconstructing Catch Statistics. p. 193 *In: Book of Abstracts, 4th World Fisheries congress, May 2-6, 2004, Vancouver, Canada.*

2003 - ITEMS IN PEER-REVIEWED JOURNALS

- Sherman, K., T. Ajayi, E. Anang, P. Cury, A.J. Diaz-de-Leon, P. Fréon, N.J. Hardman-Mountford, C.A. Ibe, K.A. Koranteng, J. McGlade, C.E. Nauen, D. Pauly, P.A.G.M. Scheren, H.R. Skjoldal, Q. Tang and S.G. Zabi. 2003. Suitability of the Large Marine Ecosystem concept. *Fisheries Research* 64: 197-204. doi 10.1016/j.fishres.2003.09.001.
- Pauly, D. 2003. Lifelines. *Nature* 421: 23. doi 10.1038/421023a.
- Chuenpagdee, R., L.E. Morgan, S.M. Maxwell, E.A. Norse and D. Pauly. 2003. Shifting gears: assessing collateral impacts of fishing methods in the U.S. waters. *Frontiers in Ecology and the Environment* 10(1): 517-524. doi 10.2307/3868162.
- Christensen, V., S. Guénette, J. J. Heymans, C.J. Walters, R. Watson, D. Zeller and D. Pauly. 2003. Hundred-year decline of North Atlantic predatory fishes. *Fish and Fisheries* 4(1): 1-24. doi 10.1046/j.1467-2979.2003.00103.x.
- Pauly, D., J. Alder, E. Bennett, V. Christensen, P. Tyedmers and R. Watson. 2003. The future for fisheries. *Science* 302: 1359-1361. doi 10.1126/science.1088667.
- Pauly, D. and R. Chuenpagdee. 2002-2003. Fisheries and Coastal Systems: the need for integrated management. *Journal of Business Administration and Policy Analysis* 30-31: 1-18. [Reprinted as Chapter 6, p. 171-185 *In: P. Nemetz (ed.). Sustainable Resource Management. Edward Elgar Publishing, Cheltenham, UK, 2007*]

2003 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Silvestre, G.T, L.R. Garces, I. Stobutzki, M. Ahmed, R.A. Valmonte-Santos, C.Z. Luna, L. Lachica-Aliño, P. Munro, V. Christensen and D. Pauly (Editors). 2003. *Assessment, Management and Future Directions for Coastal Fisheries in Asian Countries*. WorldFish Center Conference Proceedings 67, 1120 p. [Also available as CD-ROM]
- Christensen, V., L. Garces, G.T. Silvestre and D. Pauly 2003. Fisheries impact on the South China Sea Large Marine Ecosystem: A Preliminary Analysis Using Spatially-Explicit methodology. p. 51-62 *In: Silvestre, G.T, L.R. Garces, I. Stobutzki, M. Ahmed, R.A. Valmonte-Santos, C.Z. Luna, L. Lachica-Aliño, P. Munro, V. Christensen and D. Pauly and (eds) Assessment, Management and Future Directions for Coastal Fisheries in Asian Countries*. WorldFish Center Conference Proceedings 67.
- Pauly, D. and J. Maclean. 2003. *In a Perfect Ocean: fisheries and ecosystem in the North Atlantic*. Island Press, Washington, D.C. xxx + 175 p.
- Palomares, M.L.D, B. Samb, T. Diouf, J.M. Vakily and D. Pauly. (Editors). 2003. *Fish Biodiversity: Local Studies as Basis for Global Inferences*. ACP-EU Fisheries Research Report. 14, 283 p.
- Zeller D., S. Booth, E. Mohammed and D. Pauly. (Editors). 2003. *From Mexico to Brazil: Central Atlantic fisheries catch trends and ecosystem models*. Fisheries Centre Research Reports 11(6), 264 p.
- Pauly, D. and D. Zeller. 2003. The global fisheries crisis as a rationale for improving the FAO's database of fisheries statistics. p. 1-9 *In: D. Zeller, S. Booth, E. Mohammed and D. Pauly (eds). From Mexico to Brazil: Central Atlantic fisheries catch trends and ecosystem models*. Fisheries Centre Research Reports 11(6).
- Watson, R., V. Christensen, R. Froese, A. Longhurst, T. Platt, S. Sathyendranath, K. Sherman, J. O'Reilly, P. Celone and D. Pauly. 2003. Mapping fisheries onto marine ecosystems for regional, oceanic and global integrations. p. 375-395. *In: G. Hempel and K. Sherman (eds). Large Marine Ecosystems of the World 12: Change and Sustainability*. Elsevier Science, Amsterdam.
- Pauly, D. and R. Chuenpagdee. 2003. Development of Fisheries in the Gulf of Thailand Large Marine Ecosystem: Analysis of an Unplanned Experiment. 337-354. *In: G. Hempel and K. Sherman (eds) Large Marine Ecosystems of the World 12: Change and Sustainability*. Elsevier Science, Amsterdam.
- Freire, K.M.F. and D. Pauly 2003. What's in there: common names of Brazilian marine fishes. p. 439-444 *In: N. Haggan, C. Brignall and L. Wood (eds) Putting Fishers' Knowledge to Work*. Fisheries Centre Research Report 11(1).
- Valtysson, H.P. and D. Pauly. 2003. Fishing down the food web: an Icelandic case study. p. 12-24 *In: E. Guðmundsson and H.P. Valtýsson, (eds) Competitiveness within the Global Fisheries*. Proceedings of a Conference held in Akureyri, Iceland, on April 6-7th 2000. University of Akureyri, Akureyri, Iceland.
- Froese, R. and D. Pauly. 2003. Dynamik der Überfischung. p. 288-295. *In: J.L. Lozán, E. Rachor, K. Reise, J. Sündermann und H. von Westernhagen (Hrsg.) Warnsignale aus Nordsee und Wattenmeer – eine aktuelle Umweltbilanz*. GEO, Hamburg.
- Pauly, D. 2003. Fishing impacts on North Atlantic food webs: long term trends and their implications. Abstract, p. 135 *In: E. Guðmundsson and H.P.*

- Valtysson, (eds) *Competitiveness within the Global Fisheries*. Proceedings of a Conference held in Akureyri, Iceland, on April 6-7th 2000. University of Akureyri, Akureyri, Iceland.
- Pauly, D., R. Watson and V. Christensen. 2003. Ecological geography as a framework for a transition toward responsible fishing. Chapter 6, p. 87-101 In: M. Sinclair and G. Valdimarsson (eds). *Responsible fisheries in the marine ecosystem*. FAO and CABI Publishing, Wallingford, UK.

2003 - OTHER ITEMS

- Pauly, D. and R. Watson. 2003. De laatste vis wordt geteld. *Eos* 20(10): 10-15 [Dutch/Flemish translation of Pauly, D. and R. Watson. 2003. Counting the last fish. *Scientific American* July 2003: 42-47.
- Pauly, D. 2003. Ecosystem impacts of the world's marine fisheries. *Global Change Newsletter* (55): 21-23.
- Pauly, D. and M.L.D. Palomares. 2003. Expanding FishBase's coverage of common names. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 9(5): 4.
- Buchary, E.A., D.S. Wahyuningsih and D. Pauly. 2003. Documenting the common names of Indonesian Fishes. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 9(5): 6-7.
- Pauly, D. and R. Watson. 2003. Counting the last fish. *Scientific American* July 2003: 42-47. [Reprinted as p. 127-134 In: *Oceans: A Scientific American Reader*. University of Chicago Press, Chicago.]
- Pauly, D. 2003. Four years of the *Sea Around Us* project. *Sea Around Us Project Newsletter*, July/August (18): 1-3.
- Watson, R., P. Tyedmers, A. Kitchingman and D. Pauly. 2003. What's left: the emerging shape of the global fisheries crisis. *Conservation in Practice* 4(3): 30-31.
- Pauly, D. 2003. Technological restraint and the transition toward sustainable fisheries. Presented at the Symposium on 'Shifting gears: bycatch and habitat impacts of fishing'. Description p. S25; abstract on attached CD-ROM. In: AAAS Annual Meeting and Science Innovation Exposition, 13-18 February 2003, Denver.
- Pauly, D. 2003. Foreword/Avant-propos. p. 5-9 In: De Saint Périssac «*Une taupe chez les morues: halieuscopie d'un conflit*» Bleus Marines I. AnthropoMare, Mississauga, Ontario.

2002 - ITEMS IN PEER-REVIEWED JOURNALS

- Beattie, A., U.R. Sumaila, V. Christensen and D. Pauly. 2002. A model for the bioeconomic evaluation of marine protected area size and placement in the North Sea. *Natural Resources Modeling* 15(4): 413-437.
- Pauly, D. 2002. Review of *The skeptical environmentalist: measuring the real state of the world*. by B. Lomborg. *Fish and Fisheries* 3: 3-4.
- Pauly, D., V. Christensen, S. Guénette, T.J. Pitcher, U.R. Sumaila, C.J. Walters, R. Watson and D. Zeller. 2002. Towards sustainability in world fisheries. *Nature* 418: 689-695. doi 10.1038/nature01017.
- Pauly, D. 2002. Charles Darwin, ichthyology and the species concept. *Fish and Fisheries* 3(3): 1-5. doi 10.1046/j.1467-2979.2002.00091.x.

2002 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. and M.L.D. Palomares (Editors). 2002. *Production Systems in Fishery Management*. Fisheries Centre Research Reports, 10(8), 28 p.
- Pauly, D. 2002. Fisheries Management: Sustainability vs. reality. p. 5-11. In: D. Pauly and M.L.D. Palomares (eds) *Production Systems in Fishery Management*. Fisheries Centre Research Reports, 10(8).
- Vakily, J.M., S.B. Camara, A.N. Mendy, V. Marques, B. Samb, A.J. dos Santos, M.F. Sheriff, M. Ould Taleb Sidi and D. Pauly. 2002. *Marine Fishes of the North-West African Sub-Region*. EUR 20379. Commission Européenne, Brussels. 124 p. [French/English edition]
- Hempel, G. and D. Pauly. 2002. Fisheries and Fisheries Science and their search for sustainability. Chapter 5, p. 109-135. In: J.G. Field, G. Hempel and C.P. Summerhayes (eds) *Oceans 2020: Science for future needs*. Island Press, Washington, D.C.
- Pauly, D. and V. Christensen. 2002. Ecosystem Models. Chapter 10, p. 211-227 In: P. Hart and J. Reynolds (eds) *Handbook of Fish Biology and Fisheries*. Blackwell Publishing, Oxford, Volume 2.
- Pauly, D. 2002. Consilience in oceanographic and fishery research: a concept and some digressions. p. 41-46. In: J. McGlade, P. Cury, K.A. Koranteng and N.J. Hardman-Mountford (eds) *The Gulf of Guinea Large Marine Ecosystem: environmental forcing and sustainable development of marine resources*. Elsevier Science, Amsterdam.
- Pauly, D. 2002. Sustainable ecosystems. p. 16-17 In: *A sustainable Gulf of Mexico: Research, Technology and Observations 1950 to 2050 - Proceedings of Texas A&M University's 125th Anniversary Celebration Symposium*. Sustainable Coastal Margins Program, Texas A&M University, College Station, Texas.
- Pauly, D. 2002. Growth and mortality of basking shark *Cetorhinus maximus* and their implications for whale shark *Rhincodon typus*. p. 199-208. In: S.L. Fowler, T. Reid and F.A. Dipper (eds) *Elasmobranch biodiversity: conservation and management*. Proceedings of an International Seminar and Workshop held in Sabah, Malaysia. Occasional Papers of the IUCN Survival Commission No. 25, Gland, Switzerland.
- Christensen, V. and D. Pauly. 2002. Placing fisheries in their ecosystem context: the scientific perspective. 5-17. In: V. Christensen, G. Reck and J. Maclean (eds) *Proceedings of the INCO-DC Conference 'Placing Fisheries in their Ecosystem Context.'* Galapagos Islands, Ecuador, 4-8 December 2000. ACP-EU Fisheries Research Reports (12).
- Pauly, D. 2002. Darwin's Fishes: the writing of a lost book. p. 21-23. In: V. Christensen, G. Reck and J. Maclean (eds) *Proceedings of the INCO-DC Conference 'Placing Fisheries in their Ecosystem Context.'* Galapagos Islands, Ecuador, 4-8 December 2000. ACP-EU Fisheries Research Reports (12).
- Pauly, D. 2002. Using FishBase to initiate construction of Ecopath models. p. 48. In: V. Christensen, G. Reck and J. Maclean (eds) *Proceedings of the INCO-DC Conference 'Placing Fisheries in their Ecosystem Context.'* Galapagos Islands, Ecuador, 4-8 December 2000. ACP-EU

Fisheries Research Reports (12).

Walters, C.J., V. Christensen and D. Pauly. 2002. Searching for optimum fishing strategies for fisheries development, recovery and sustainability. p. 11-15. In: T.J. Pitcher and K. Cochrane (eds) *The use of ecosystem to investigate multispecies management strategies for capture fisheries*. Fisheries Centre Research Reports 10(2).

2002 - OTHER ITEMS

Pauly, D. 2002. Le renouvellement des espèces n'est plus assuré. *L'Usine nouvelle*, 12 décembre (2851): 10.

Pauly, D. 2002. Bonaire: 90 million years, plus a few days to think. *Sea Around Us Project Newsletter*, November/December (14): 1-3 & 5.

Pauly, D. 2002. An alien abroad: Review of *Lines in the Water: Nature and culture at Lake Titicaca* by Benjamin Orlove, University of California Press". *New Scientist*, October (2364), p. 55.

Pauly, D. 2002. Rekindling rationality back into fisheries. *Fishing in Europe* (October 14): 10.

Pauly, D. 2002. The Millennium Ecosystem Assessment: links with the *Sea Around Us* Project. *Sea Around Us Project Newsletter* September/October (13): 1-2.

Pauly, D., R. Watson and V. Christensen. 2002. Ecological geography as framework for a transition toward responsible fishing, p. 10-11 In: *Abstract of papers presented at the Reykjavik conference on responsible fisheries in the marine ecosystem*, 1-4 October 2001. FAO Fisheries Report No. 658 (Supplement).

Pauly, D. 2002. Gestion des pêches et écosystèmes marins: le rôle du projet SIAP. *Echos de la C.S.R.P.- Revue de liaison de la Commission sous-régionale des Pêches* (Dakar), No 12, p. 6.

Pauly, D. 2002. A symposium with results. *Sea Around Us Project Newsletter*, July/August (12): 1-4.

Pauly, D., R. Watson and V. Christensen. 2002. Quand le poisson vient à manquer. *La Recherche* (July/August) 355: 80-83.

Pauly, D. 2002. The *Sea Around Us* Project: July 2001 to April 2002. *Sea Around Us Project Newsletter*, May/June (11): 1-2.

Palomares, M.L.D., D. Zeller, C. Young, S. Booth and D. Pauly. 2002. A CD-ROM on *West-African Ecosystems*. Poster first presented at the International Symposium on 'Marine Fisheries, Ecosystems and Societies in West Africa: half a century of change,' held in Dakar, Senegal, June 24-28, 2002 [CD-ROM available from first and last authors].

Pauly, D. 2002. *Ecosystem-based approaches for coastal zone management*. Extended abstract and slide presentation In: R. Chuenpagdee (ed.) Proceedings of the Coastal Zone Asia-Pacific Conference on "Improving the State of the Coastal Zone," May 12-16, 2002, Bangkok. [CD-ROM]

Pauly, D. 2002. 'Restoring the Richness of the Sea: Historical Data – Unrealized Potentials'. Symposium summary on p. S20 In: AAAS Annual Meeting and Science Innovation Exposition, 14-19 February 2002, Boston.

Pauly, D. 2002. Setting a baseline: world fisheries and ecosystems in 1950. Presented at the Symposium on 'Restoring the Richness of the Sea: Historical Data – Unrealized Potentials'. Description p. S20, Abstract p. A29. In: AAAS Annual Meeting and Science Innovation Exposition, 14-19 February 2002, Boston.

2001 - ITEMS IN PEER-REVIEWED JOURNALS

Watson, R. and D. Pauly. 2001. Systematic distortions in world fisheries catch trends. *Nature* 414: 534-536. doi 10.1038/35107050 .

Zeller, D. and D. Pauly. 2001. Visualisation of standardized life history patterns. *Fish and Fisheries* 2(4): 344-355. doi 10.1046/j.1467-2960.2001.00051.x.

Bundy, A. and D. Pauly. 2001. Selective harvesting by small-scale fisheries: ecosystem analysis of San Miguel Bay, Philippines. *Fisheries Research* 53: 263-281. doi 10.1016/S0165-7836(00)00295-2.

Pauly, D. 2001. Review of: *Tropical Estuarine Fishes: Ecology, Exploitation and Conservation* by S.J. M. Blaber. *Fish and Fisheries* 2(4): 385.

Pauly, D., M.L.D. Palomares, R. Froese, P. Sa-a, J. M. Vakily, D. Preikshot and S. Wallace. 2001. Fishing down Canadian aquatic food webs. *Canadian Journal of Fisheries and Aquatic Science* 58: 51-62. doi 10.1139/cjfas-58-1-51.

Njiru, M., T.J. Pitcher and D. Pauly. 2001. Age validation of a tropical cyprinid, *Rastrineobola argentea*, by immersion in tetracycline hydrochloride and use of phi prime. *African Journal of Tropical Hydrobiology and Fisheries* 10: 1-13. doi 10.4314/ajthf.v10i1.1396.

2001 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

Beattie, A., V. Christensen, U.R. Sumaila and D. Pauly. 2001. Marine protected areas in the North Sea: a preliminary bioeconomic evaluation using Ecosed, a new game theory tool for use with the ecosystem simulation Ecopath with Ecosim p. 32-42 In: U.R. Sumaila, J. Alder and G. Weingartner (eds) *Economics of Marine Protected Areas*. Fisheries Centre Research Reports 9(8).

Pitcher, T.J., U.R. Sumaila and D. Pauly (Editors). 2001. *Fisheries Impacts on North Atlantic Ecosystems: Evaluations and Policy Exploration*. Fisheries Centre Research Reports 9(5), 94 p.

Guénette, S., V. Christensen and D. Pauly (Editors). 2001. *Fisheries Impacts on North Atlantic Ecosystems: Models and Analyses*. Fisheries Centre Research Reports 9(4).

Christensen, V., S. Guénette, S. Heymans, C.J. Walters, R. Watson, D. Zeller and D. Pauly. 2001. Estimating fish abundance of the North Atlantic, 1950 to 1999. p. 1-25. In: Fisheries Centre Research Reports 9(4).

Zeller, D., R. Watson and D. Pauly (Editors). 2001. *Fisheries Impacts on North Atlantic Ecosystems: Catch, Effort and National/Regional Data Sets*. Fisheries Centre Research Reports 9(3), 254 p.

Watson, R., M. Gelchu and D. Pauly. 2001. Mapping fisheries landings with emphasis on the North Atlantic. p. 1-11. In: D. Zeller, R. Watson and D. Pauly (eds) *Fisheries Impacts on North Atlantic Ecosystems: Catch, Effort and National/Regional Data Sets*. Fisheries Centre Research

Reports 9(3).

- Kaschner, K., R. Watson, V. Christensen, A.W. Trites and D. Pauly. 2001. Modeling and mapping trophic overlap between marine mammals and commercial fisheries in the North Atlantic. 35-45. *In: D. Zeller, R. Watson and D. Pauly (eds) Fisheries Impacts on North Atlantic Ecosystems: Catch, Effort and National/Regional Data Sets*. Fisheries Centre Research Reports 9(3).
- Ryan, T., R. Watson and D. Pauly. 2001. Key features of commercial and recreational fisheries statistics from the US Atlantic coast. p. 225-227. *In: D. Zeller, R. Watson and D. Pauly (eds) Fisheries Impacts on North Atlantic Ecosystems: Catch, Effort and National/Regional Data Sets*. Fisheries Centre Research Reports 9(3).
- Watson, R., L. Pang and D. Pauly (Editors). 2001. *The marine fisheries of China: development and reported catches*. Fisheries Centre Research Report. 9(2), 50 p.
- Pang, L. and D. Pauly. 2001. Part 1 - Chinese marine capture fisheries from 1950 to the late 1990s: the hopes, the plans and the data. p. 1-27. *In: R. Watson, L. Pang and D. Pauly (eds) The marine fisheries of China: development and reported catches*. Fisheries Centre Research Report 9(2).
- Gayanilo, F.C., G. Silvestre, F. Valdez and D. Pauly 2001. *Fisheries Resources Information System (FiRST): User Manual*. International Center for Living Aquatic Resources Management, Penang, Malaysia, 126 p.
- Christensen, V. and D. Pauly. 2001. Coral reef and other tropical fisheries. p. 534-538. *In: J.H. Steele, S.A. Thorpe and K.K. Turekian (eds) Encyclopedia of Ocean Sciences*. Academic Press, San Diego, Volume 1.
- Pauly, D. 2001. Importance of the historical dimension in policy and management of natural resource systems, p. 5-10. *In: E. Feoli and C.E. Nauen (eds) Proceedings of the INCO-DEV International Workshop on Information Systems for Policy and Technical Support in Fisheries and Aquaculture*. ACP-EU Fisheries Research Report No 8.
- Watson, R. and D. Pauly. 2001. Global Overfishing. p. 163 *In: S. Earle (ed.) National Geographic Atlas of the Ocean: the deep frontier*. National Geographic, Washington, D.C.
- Palomares, M.L.D. and D. Pauly. 2001. Common names in FishBase: key to more information on fish. p. 116-118. *In: E. Feoli and C.E. Nauen (eds) Proceedings of the INCO-DEV International Workshop on Information Systems for Policy and Technical Support in Fisheries and Aquaculture*. ACP-EU Fisheries Research Report No 8.
- Pauly, D. and R. Froese 2001. Fish Stocks, p. 801-814. *In: S. Levin (ed.) Encyclopedia of Biodiversity*. Academic Press, San Diego, Volume 2.
- Pauly, D. and M.L.D. Palomares. 2001. Fishing down marine food webs: an update. p. 47-56. *In: L. Bendell-Young and P. Gallagher (eds) Waters in Peril*. Kluwer Academic Publishers. Dordrecht.

2001 - OTHER ITEMS

- Pauly, D., P. Tyedmers, R. Froese and L.Y. Liu. 2001. Fishing down and farming up the food web. *Conservation Biology in Practice* 2(4): 25.
- Froese, R., U. Piatkowski, S. Garthe and D. Pauly. 2001. Comparing the North Sea with the Caribbean? *ICES/CIEM Newsletter* No 38 (Dec. 2001): 24-25.
- Pauly, D. 2001. The *Sea Around Us*: some activities planned for 2001-2002. *Sea Around Us Project Newsletter*, July/August (10): 1-2.
- Pauly, D. 2001. What we did: A very preliminary report of the first two years of the *Sea Around Us* Project. *Sea Around Us Project Newsletter*, May/June (9): 1-2.
- Jones, R., S. Watkinson and D. Pauly. 2001. Accessing traditional ecological knowledge of First Nations in British Columbia through local common names in FishBase. *Aboriginal Fisheries Journal/Newsletter of the BC Aboriginal Fish Commission* 7(1) Insert, 4 p.
- Pauly, D. 2001. Down with Fisheries, Up with Aquaculture. Presented at the Symposium on 'The Aquaculture Paradox: Does Fish Farming Supplement or Deplete World Fisheries?' Description p. S22, Abstract p. A26. *In: AAAS Annual Meeting and Science Innovation Exposition*, 15-20 February 2001, San Francisco.
- Froese, R., U. Piatkowski, S. Garthe and D. Pauly, D. 2001. A preliminary comparison of the trophic structure of some large marine ecosystems. *Theme Session on Use and Information Contents of Ecosystem Metrics and Reference Points*. ICES C.M. 2001/T:07, 6 p.

2000 - ITEMS IN PEER-REVIEWED JOURNALS

- Samb, B. and D. Pauly. 2000. On 'variability' as a sampling artefact: the case of *Sardinella* in North-western Africa. *Fish and Fisheries* 1: 206-210. doi 10.1046/j.1467-2979.2000.00016.x.
- Tang, T.L., Q. Tang and D. Pauly. 2000. A preliminary approach on mass-balance Ecopath model of the Bohai Sea. *Chinese Journal of Applied Ecology* 11(3): 435-440. [published version omitted English style corrections]
- Pauly, D., V. Christensen and C.J. Walters. 2000. Ecopath, Ecosim and Ecospace as tools for evaluating ecosystem impact of fisheries. *ICES Journal of Marine Science* 57: 697-706. doi 10.1006/jmsc.2000.0726.
- Cury, P. and D. Pauly 2000. Patterns and propensities in reproduction and growth of fishes. *Ecological Research* 15: 101-106.
- Walters, C.J., D. Pauly, V. Christensen and J. Kitchell. 2000. Representing density dependent consequences of life history strategies in aquatic ecosystems: Ecosim II. *Ecosystems* 3: 70-83. doi 10.1007/s100210000011.

2000 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Hunter, A.M.J., A.W. Trites and D. Pauly. 2000. Estimates of basal metabolic and feeding rate for marine mammals from measurements of maximum body length. p. 103-106 *In: Proceedings of the Comparative Nutrition Society*. @@
- Pauly, D. and T.J. Pitcher (Editors). 2000. *Methods for Evaluating the Impacts of Fisheries on North Atlantic Ecosystems*. Fisheries Centre Research Reports 8(2), 195 p.

- Pauly, D. and T.J. Pitcher. 2000. Assessment and mitigation of fisheries impacts on marine ecosystems: a multidisciplinary approach for basin-scale inferences, applied to the North Atlantic. p. 1-12. *In: D. Pauly and T.J. Pitcher (eds) Methods for Evaluating the Impacts of Fisheries on North Atlantic Ecosystems*. Fisheries Centre Research Reports 8(2).
- Pauly, D., V. Christensen, R. Froese, A. Longhurst, T. Platt, S. Sathyendranath, K. Sherman and R. Watson. 2000. Mapping fisheries onto marine ecosystems: a proposal for a consensus approach for regional, oceanic and global integration. p. 13-22. *In: D. Pauly and T.J. Pitcher (eds) Methods for Evaluating the Impacts of Fisheries on North Atlantic Ecosystems*. Fisheries Centre Research Reports 8(2).
- Zeller, D. and D. Pauly. 2000. How life history patterns and depth zone analysis can help fisheries policy. p. 40-53. *In: D. Pauly and T.J. Pitcher (eds) Methods for Evaluating the Impacts of Fisheries on North Atlantic Ecosystems*. Fisheries Centre Research Reports 8(2).
- Ruttan, L.M., F.C. Gayanilo, U.R. Sumaila and D. Pauly. 2000. Small- versus large-scale fisheries: a multi-species multi-fleet model for evaluating their interactions and potential benefits. p. 64-78. *In: D. Pauly and T.J. Pitcher (eds) Methods for Evaluating the Impacts of Fisheries on North Atlantic Ecosystems*. Fisheries Centre Research Reports 8(2).
- Froese, R. and D. Pauly (Editors). 2000. *FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños, Philippines, 346 p. [Distributed with 4 CD-ROMs; previous annual editions: 1996 – 1999. Also available in Portuguese (1997, transl. of the 1996 edition), French (1998, updated transl. of the 1997 edition by N. Bailly and M.L.D. Palomares) and Chinese (2003, transl. of the 2000 edition by Kwang-Tsao Shao, Taiwan); updates in www.fishbase.org].
- Pauly, D. 2000. FishBase and groups other than fishes. p. 3 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. Ichthyology. p. 4-6 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. How to Become a FishBase Collaborator...and Why. p. 24-26 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. Publishing for FishBase. p. 26-27 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Palomares, M.L.D., R. Froese and D. Pauly. 2000. Bug, Blanks and Errors. p. 29-31 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Palomares, M.L.D. and D. Pauly. 2000. The Local Knowledge Database. p. 46-48 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM Los Baños.
- Pauly, D. 2000. Graphs in FishBase. p. 49-51 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Paul, D. and R. Froese. 2000. Uses of boxes in FishBase. p. 51 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Preikshot, D., R. Froese and D. Pauly. 2000. The Orders Table. p. 55-59 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Froese, R., E. Capuli, C. Garilao and D. Pauly. 2000. The SPECIES Table. p. 76-85 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. Temperature and the maximum size of fish. Box 5, p. 81 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Palomares, M.L.D. and D. Pauly. The COMMON NAMES Table. p. 85-92 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Froese, R. and D. Pauly. 2000. Chronology of species descriptions. Box 6, p. 94 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. and V. Christensen. 2000. Darwin in FishBase. Box 9, p. 119 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D., R.B. Reyes and R. Froese. 2000. The EXPEDITIONS Table. p.116-121 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. Latitudinal distribution of nominal catches. Box 10, p. 123 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. and V. Christensen. 2000. Primary production required to sustain fisheries. Box 11, p. 124 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Froese, R., F. Torres and D. Pauly. Box 12, p. 125 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. and R. Froese. 2000. Analysis of fisheries catches by trophic pyramids. Box 13, p. 127. *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. and C. Binohlan. 2000. Population dynamics. p. 129-130. *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Binohlan, C. and D. Pauly. 2000. The POPCHAR Table. p. 130-131. *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. The distribution of maximum length among fish species. Box 14, p. 130 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Binohlan, C. and D. Pauly. 2000. The LENGTH-WEIGHT Table. p. 131-134. *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Binohlan, C., R. Froese and D. Pauly. 2000. The LENGTH-LENGTH Table. p. 137-138. *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Binohlan, C. and D. Pauly. 2000. The POPGROWTH Table. p. 138-145 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. Growth in captive fishes. Box 16, p. 142 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D., J. Moreau and F.C. Gayanilo. 2000. Auximetric Analyses. p. 145-150 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. and F.C. Gayanilo. 2000. Background and use of AUXIM. Box 20, p. 148 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.

- Pauly, D. 2000. Seasonal Growth. p. 150-153 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. and C. Binohlan. 2000. Natural Mortality. p. 153-156 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. The natural mortality of fishes. Box 19, p. 154 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. and F.C. Gayanilo. 2000. Yield-per-recruit Analyses. p. 156-164 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. The yield-per-recruit and biomass-per recruit graphs. Box 20, p. 161 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. and C. Binohlan. 2000. The RECRUITMENT Table. p. 164-167 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Froese, R., M.L.D. Palomares and D. Pauly. 2000. Estimation of Life-History Key Facts. p. 167-175. *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Palomares, M.L.D., Pauly, D. 2000. Trophic ecology, p. 176-178. *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D., Christensen, V. 2000. The Ecopath modeling approach and FishBase. Box. 21, p. 177 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. and V. Christensen. 2000. Herbivory as a low-latitude phenomenon. Box 22, p. 179 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. and V. Christensen. 2000. Trophic levels of fishes. Box 23, p. 181 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pascualita, S., Palomares, M.L.D. and D. Pauly. 2000. The FOOD ITEMS Table. p. 182-188 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Palomares, M.L.D., P. Sa-a and D. Pauly. 2000. Hierarchy of food items Box 24, p. 183 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. and P. Sa-a. 2000. Estimating trophic levels from individual food items. Box 25, p. 185 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. and M.L.D. Palomares. Preliminary estimation of trophic levels in fish species without food composition data. Box 26, p. 186 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Palomares, M.L.D. and D. Pauly. 2000. The Ration Table, p. 193-196 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Palomares, M.L.D. and D. Pauly. 2000. The POPQB Table. p. 197-199 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Palomares, M.L.D., P. Sa-a and D. Pauly. 2000. Hierarchy of predators. Box 28 p. 200 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. Predator-prey ratios in fishes. Box 29, p. 201 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D., R. Froese and J. Rius. 2000. Trophic pyramids. p. 203-204 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. The latitudinal distribution of hermaphroditism. Box 30, p. 206 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. The reproductive load of fish. Box 31, p. 208 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. and R. Pullin. 2000. The EGG DEV Table. p. 217-219 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. Temperature and the development of fish eggs. Box 32, p. 218 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. The VISION Table. p. 233-234 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Froese, R. and D. Pauly. 2000. Brain size and oxygen consumption. Box 33, p. 234 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D., R. Froese and J. Albert. 2000. The BRAINS Table. p. 234-237 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Froese, R., A. Torres, C. Binohlan and D. Pauly. 2000. The SWIMMING and SPEED Table. p. 240-245 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. The GILL AREA Table. p. 245-247 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D., E. Capuli and R. Froese. 2000. The PROCESSING Table. p. 247-249 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D., C. Casal and M.L.D. Palomares. 2000. DNA, cell size and fish swimming. Box 34, p. 254 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Palomares, M.L.D. and D. Pauly. 2000. The REFERENCES Table. p. 282-284 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Froese, R., R. Atanacio and D. Pauly. 2000. The PICTURES Table. p. 291-293 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, I. and D. Pauly. 2000. Fish Stamps. p. 293-295 *In: FishBase 2000: Concepts, Design and Data Sources*. ICLARM, Los Baños.
- Pauly, D. 2000. Commentary: fishing down marine food webs p. 195-199 *In: P.J. Harrison and T. R. Parson (eds) Fisheries Oceanography: an integrative approach to fisheries ecology and management*. Blackwell Science, Oxford.
- Pauly, D. 2000. Une vision mondiale des pêches et de leurs impacts sur les écosystèmes. p. 9-13. *In: Actes du Colloque « Nouveaux outils, nouvelles démarches pour la gestion durable du milieu marin »* Revue de l'Université de Moncton. Hors-séries.

- Pauly, D. and M.L.D. Palomares. 2000. Approaches for dealing with three sources of bias when studying the fishing down marine food web phenomenon. p. 61-66. *In: F. Durand (ed.) Fishing down the Mediterranean food webs? Proceedings of a CIESM Workshop held in Kerkyra, Greece, 26-30 July 2000.* CIESM Workshop Series No 12. [With replacement for an erroneous Fig. 4]
- Pauly, D. 2000. Global change, fisheries and the integrity of marine ecosystems: the future has already begun. p. 227-239. *In: D. Pimentel, L. Westra and R.F. Ross (eds) Ecological integrity: integrating environment, conservation and health.* Island Press, Washington, DC.
- Pauly, D., A. Beattie, A. Bundy, N. Newlands, M. Power and S. Wallace. 2000. Not just fish: value of marine ecosystems on the Atlantic and Pacific coasts. p. 34-46. *In: H. Coward, R. Ommer and T. Pitcher (eds) Just Fish: Ethics and Canadian Marine Fisheries.* Institute of Social Economic Research. Memorial University of Newfoundland. St. John's.

2000 - OTHER ITEMS

- Pauly, D. 2000. Fisheries in the Philippines and in the world: an overview. *Tambuli: A Publication for Coastal Management Practitioners* No. 6: 23-25
- Pauly, D. 2000. Key facts on all fishes of the world now available on the Internet. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 6(4): 3.
- Pauly, D. and R. Watson. 2000. Presenting the *Sea Around Us* approach. *Sea Around Us Project Newsletter*, September/December (6/7): 3-4.
- Zeller, D. and D. Pauly. 2000. How life history patterns and depth zone analysis can help fisheries policy. *Sea Around Us Project Newsletter* May/June (4): 2-4.
- Pauly, D. 2000. Give a Man a Fish. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 6(3): 2.
- Pauly, D. and T. Pitcher. 2000. Assessment and mitigation of fisheries impacts on marine ecosystems. *Sea Around Us Project Newsletter* March/April (3): 1-4.
- Pauly, D. 2000. Simulating fisheries impacts on aquatic ecosystems: what we can and cannot do. Presented at the Symposium on 'Back to the Future: Restoring Ecosystems Impacted by Fisheries.' Description p. S28, Abstract p. A38. *In: AAAS Annual Meeting and Science Innovation Exposition, 17-22 February 2000, Washington, D.C.*
- Pauly, D., R. Watson, D. Zeller and V. Christensen. 2000. Ecosystems of the North Atlantic: some definitions. *Sea Around Us Project Newsletter* January/February (2): 1-4.
- Pauly, D., V. Christensen, R. Froese and M.L.D. Palomares. 2000. Fishing down aquatic food webs. *American Scientist* 88 (1): 46-51.
- Pauly, D. R. Watson, D. Zeller and V. Christensen. 2000. Large marine ecosystems of the North Atlantic: some definitions. *Sea Around Us Project Newsletter* January/February (2): 1-4.
- Okey, T. A., C. Young, A. Poon, D. Pauly. 2000. Alaska's Aquatic Ecosystems CD-ROM, Fisheries Centre, University of British Columbia, Vancouver BC.
- Christensen, V., C.J. Walters and D. Pauly. 2000. *Ecopath with Ecosim: A User's Guide.* Fisheries Centre, UBC, Vancouver and International Center for Living Aquatic Resources Management, Penang, 131 p.

1999 - ITEMS IN PEER-REVIEWED JOURNALS

- Moreau, J. and D. Pauly 1999. A comparative analysis of growth performance in aquaculture of tilapia hybrids and their parent species. *Asian Fisheries Science* 12 (1): 91-103.
- Walters, C. D. Pauly and V. Christensen. 1998. Ecospace: prediction of mesoscale spatial patterns in trophic relationships of exploited ecosystems, with emphasis on the impacts of marine protected areas. *Ecosystems* 2: 539-554.
- Pauly, D. 1999. Review of: A. Longhurst's *Ecological Geography of the Sea.* *Trends in Ecology and Evolution* 14(3): 118.
- Jones, R.E., R.J. Petrell and D. Pauly. 1999. Using modified length-weight relationships to assess the condition of fishes. *Aquacultural Engineering* 20: 261-276.

1999 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Okey, T.A. and D. Pauly (Editors). 1999. Trophic mass-balance model of Alaska's Prince William Sound Ecosystem, for the Post-Spill Period 1994-1996, 2nd Edition. Fisheries Centre Research Reports 7(4), xii + 137 p.
- Christensen, V., D. Pauly and T.A. Okey. 1999. Aspects of the Ecopath approach relevant to the PWS model. p. 9-11 *In: T.A. Okey and D. Pauly (eds) Trophic mass-balance model of Alaska's Prince William Sound Ecosystem, for the Post-Spill Period 1994-1996, 2nd Edition.* Fisheries Centre Research Reports 7(4).
- Pauly, D., V. Christensen and L. Coelho (Editors). 1999. *Proceedings of the '98 EXPO Conference on Ocean Food Webs and Economic Productivity, Lisbon, Portugal, 1-3 July 1998.* ACP-EU Fisheries Research Report. 5, 87 p. [Disponibile en français « Actes de la Conférence EXPO'98 sur les Réseaux Alimentaires des Océans et leur Productivité économique, Lisbonne, Portugal, 1-3 Juillet 1998 ». Rapport de Recherche Halieutique ACP-EU Numéro 5, 87 p.]
- Pauly, D. 1999. 'Fishing down marine food webs' as an integrative concept. p. 4-6 *In: D. Pauly, V. Christensen and L. Coelho (eds) Proceedings of the '98 EXPO Conference on Ocean Food Webs and Economic Productivity, Lisbon, Portugal, 1-3 July 1998.* ACP-EU Fisheries Research Report 5.
- Haggan, N. and A. Beattie, with the assistance of D. Pauly (Editors). 1999. *Back to the Future: Reconstructing the Hecate Strait Ecosystem.* Fisheries Centre Research Reports 7(3), 65 p.
- Pauly, D. 1999. Fisheries management: putting our future in places. 1999. Chapter 18, p. 355-362 *In: D. Newell and R. Ommer (eds) Fishing people, fishing places: issues in Canadian small-scale fisheries.* University of Toronto Press, Toronto.
- Pitcher, T.J., N. Haggan, D. Preikshot and D. Pauly. 1999. "Back to the Future": A method employing ecosystem modeling to maximize the sustainable

- benefits from fisheries. p. 447-466. *In: S. Keller (ed.) Ecosystem Approaches for Fisheries Management*. Alaska Sea Grant College Program, AK-SG-99-01.
- Trites, A.W., P.A. Livingston, M.C. Vasconcellos, S. Mackinson, A.M. Springer and D. Pauly. 1999. Ecosystem considerations and the limitations of ecosystem models in fisheries management: Insights from the Bering Sea. p. 609-619. *In: S. Keller (ed.) Ecosystem Approaches for Fisheries Management*. Alaska Sea Grant College Program AK-SG-99-01.
- Okey, T. and D. Pauly. 1999. A mass-balance trophic model of trophic flows in Prince William Sound: decompartmentalizing ecosystem knowledge. p. 621-635 *In: S. Keller (ed.) Ecosystem Approaches for Fisheries Management*. University of Alaska, Fairbanks.
- Trites, A.W., P.A. Livingston, S. Mackinson, M.C. Vasconcellos, A.M. Springer and D. Pauly. 1999. *Ecosystem changes in and decline of marine mammals in the Eastern Bering Sea: testing the ecosystem shift and commercial whaling hypothesis*. Fisheries Centre Research Reports, 7(1), 106 p.
- Pauly, D., F. Arreguin-Sanchez, J. Browder, V. Christensen, S. Manikchand-Heileman, E. Martinez and L. Vidal 1999. Toward a stratified mass-balance model of trophic fluxes in the Gulf of Mexico Large Marine Ecosystem. p. 278-293. *In: H. Kumpf, K., Steidinger, K. Sherman (eds) The Gulf of Mexico Large Marine Ecosystem: Assessment, Sustainability and Management*. Blackwell Science, Malden, Mass.
- Pauly, D. and J. Ingles. 1999. The relationship between shrimp yields and intertidal vegetation (mangrove) areas: a reassessment, p. 311-316. *In: A. Yañez-Arancibia and A.L. Lara-Dominguez (eds) Mangrove ecosystems in tropical America*. Instituto de Ecología, A.C. Mexico, IUCN/ORMA, Costa Rica, NOAA/NMFS, Silver Spring, MD. [Reprint of 'The relationship between shrimp yields and intertidal vegetation (mangrove) areas', p. 277-283 *In: A. Yañez-Arancibia and D. Pauly (eds) Proceedings of the IREP/OSLR Workshop on the Recruitment of Coastal Demersal Communities, Campeche, Mexico, 21-25 April 1986*. Supplement to IOC Workshop Rep. No. 44].
- Palomares, M.L.D., C.V. Garilao and D. Pauly. 1999. On the biological information content of common names: a quantitative case study of Philippine fishes, p. 861-866. *In: B. Séret and J.-Y. Sire (eds) Proceedings of the 5th Indo-Pacific Fish Conference, Nouméa, 3-8 November 1997*. Paris; Société Française d'Ichtyologie & Institut de Recherche pour le Développement.

1999 - OTHER ITEMS

- Walters, C.J., D. Pauly and V. Christensen 1999. Ecospace: prediction of mesoscale spatial patterns in trophic relationships of exploited ecosystems, with emphasis on the impacts of marine protected areas. International Council for the Exploration of the Sea, ICES C.M. 1998/S: 4, 20 p.
- Pauly, D. 1999. FishBase on the Web. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 5(4): 2.
- Pauly, D. 1999. Fishing down marine food webs. p. 145-146. *In: D. Ludwig (Convener) Session summary: Use and misuse of science in fisheries management*. International Cooperation in Science and Technology, Nov. 12-13, 1998, Vancouver. Sigma Xi Forum Proceedings (Abstract).
- Watkinson, S. and D. Pauly. 1999. *Changes in the Ecosystem of Rivers Inlet, British Columbia: 1950 vs. the Present*. A Report to the David Suzuki Foundation, Vancouver, 20 p.

1998 - ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. 1998. Large marine ecosystems: analysis and management. p. 487-499 *In: S.C. Pillar, A.I.L. Payne and F.A. Shillington (eds) Benguela dynamics: impacts of variability on shelf-sea environments and their living resources. South African Journal of Marine Science* 19.
- Walters, C.J., D. Pauly and V. Christensen 1998. Ecospace: prediction of mesoscale spatial patterns in trophic relationships of exploited ecosystems, with emphasis on the impacts of marine protected areas. *Ecosystems* 2: 539-554.
- Pauly, D., R. Froese and V. Christensen. 1998. How pervasive is "Fishing down marine food webs": response to Caddy et al. *Science* 282: 183 [full text (p. '1383a') on www.sciencemag.org/cgi/content/full/282/5393/1383].
- Pauly, D. 1998. Beyond our original horizons: the tropicalization of Beverton and Holt. *Reviews in Fish Biology and Fisheries* 8(3): 307-334.
- Trites, A.W. and D. Pauly. 1998. Estimating mean body mass of marine mammals from measurements of maximum body length. *Canadian Journal of Zoology* 76: 886-896.
- Pauly, A.W. Trites, E. Capuli and V. Christensen 1998. Diet composition and trophic levels of marine mammals. *ICES Journal of Marine Science* 55: 467-481. [Erratum in *ICES Journal of Marine Science* 55: 1153, 1998]
- Palomares, M.L.D. and D. Pauly. 1998. Predicting food consumption of fish populations as functions of mortality, food type, morphometrics, temperature and salinity. *Marine and Freshwater Research* 49: 447-453.
- Pauly, D. 1998. Tropical fishes: patterns and propensities. p. 1-17. *In: T.E. Langford, J. Langford and J.E. Thorpe (eds) Tropical Fish Biology. Journal of Fish Biology* 53 (Supplement A).
- Preikshot, D.E. Nsiku, T.J. Pitcher and D. Pauly 1998. An interdisciplinary evaluation of the status and health of African lake fisheries using a rapid appraisal technique. p. 381-393. *In T.E. Langford, J. Langford and J.E. Thorpe (eds) Tropical Fish Biology. Journal of Fish Biology* 53 (Supplement A).
- Pauly, D. 1998. Why squids, though not fish, may be better understood by pretending they are. p. 47-58. *In: A.I.L. Payne, M.R. Lipinski, MR. Clarke and M.A.C. Roeleveld (eds) Cephalopod biodiversity, Ecology and Evolution. South African Journal of Marine Science* 20.
- Balgos, M. and D. Pauly 1998. Age and growth of the squid *Sepioteuthis lessoniana* in N.W. Luzon, Philippines. *South African Journal of Marine Science* 20(1): 449-452
- Lipinski, M.R., D.S. Butterworth, C.J. Augustyn, J.K.T. Brodziak, G. Christy, S. Des Clers, G.D. Jackson, R.K. O'Dor, D. Pauly, L.V. Purchase, M.J. Roberts, B.A. Roel, Y. Sakurai and W.H.H. Sauer. 1998. p. 463-469. *In: A.I.L. Payne, M.R. Lipinski, MR. Clarke, and M.A.C. Roeleveld (eds) Cephalopod biodiversity, Ecology and Evolution. South African Journal of Marine Science* 20.
- Christensen, V. and D. Pauly. 1998. Changes in models of aquatic ecosystems approaching carrying capacity. *Ecological Applications* 8(1): S104-S109.
- Pauly, D., V. Christensen, J. Dalsgaard, R. Froese and F.C. Torres. 1998. Fishing down marine food webs. *Science* 279: 860-863.

1998 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. with G. Weingartner (Editors). 1998. *Use of Ecopath with Ecosim to evaluate strategies for sustainable exploitation of multi-species resources*. Fisheries Centre Research Reports 6(2). 49 p.
- Pauly, D. 1998. Improving food web descriptions for use in dynamic simulations, p. 36-37 *In: D. Pauly with G. Weingartner (eds) Use of Ecopath with Ecosim to evaluate strategies for sustainable exploitation of multi-species resources*. Fisheries Centre Research Reports 6(2).
- Watson, R. and D. Pauly. 1998. Discussion: policy use and limitations of the Ecopath approach. p. 39-45 *In: D. Pauly with G. Weingartner (eds) Use of Ecopath with Ecosim to evaluate strategies for sustainable exploitation of multi-species resources*. Fisheries Centre Research Reports 6(2).
- Pitcher, T. J. and D. Pauly (Editors). 1998. Special Issue: Beverton and Holt Jubilee. *Reviews in Fish Biology and Fisheries*. 8(3): 225-370.
- Durand, M.H., P. Cury, R. Mendelssohn, A. Bakun, C. Roy and D. Pauly. (Editors). 1998. *Local versus global changes in upwelling systems*. Séries Colloques et Séminaires. ORSTOM Editions, Paris. 594 p.
- Bakun, A., P. Cury, M.H. Durand, R. Mendelssohn, D. Pauly and C. Roy. 1998. The climate and eastern ocean systems project (CEOS), p. 1-5 *In: M.H. Durand, P. Cury, R. Mendelssohn, A. Bakun, C. Roy and D. Pauly (eds) Local versus global changes in upwelling systems*. Séries Colloques et Séminaires, ORSTOM Editions, Paris.
- Pitcher, T.J., P.J.B. Hart and D. Pauly (Editors). 1998. *Reinventing Fisheries management*. Fish and Fisheries 23, Kluwer Academic Publishers, Dordrecht. 435 p.
- Pitcher, T.J., A. Bundy, D. Preikshot, T. Hutton and D. Pauly. 1998. Measuring the unmeasurable: multivariate interdisciplinary method for rapid appraisal of health of fisheries p. 31-54. *In: T.J. Pitcher, P.J.B. Hart and D. Pauly (eds) Reinventing Fisheries Management*, Kluwer Academic Publishers, Dordrecht.
- Pitcher, T.J. and D. Pauly. 1998. Rebuilding ecosystems, not sustainability, as the proper goal of fishery management. 311-329 *In: T.J. Pitcher, P.J.B. Hart and D. Pauly (eds) Reinventing Fisheries Management*, Kluwer Academic Publishers, Dordrecht.
- Pauly, D., P. Hart and T.J. Pitcher. 2001. Speaking for themselves: new acts, new actors and New Deal in a reinvented fisheries management. p. 409-415 *In: T.J. Pitcher, P.J.B. Hart and D. Pauly (eds) Reinventing Fisheries Management*, Kluwer Academic Publishers, Dordrecht.
- Cury, P., Durand, M.H. and D. Pauly. 1998. The CEOS network: a brief summary of experience. p. 549-588 *In: M.H. Durand, P. Cury, R. Mendelssohn, A. Bakun, C. Roy and D. Pauly (eds) Local versus global changes in upwelling systems*. Séries Colloques et Séminaires, ORSTOM Editions, Paris.
- Pauly, D., T. Pitcher and D. Preikshot (Editors). 1998. *Back to the Future: Reconstructing the Strait of Georgia Ecosystem. Proceedings of a Workshop held at the First Nation House of Learning, University of British Columbia, Vancouver, B.C. November 21-22, 1997*. Fisheries Centre Research Reports 6(5), 99 p.
- Pauly, D., T.J. Pitcher and D. Preikshot. 1998. Epilogue: Reconstructing the Past and Rebuilding the Future of the Strait of Georgia. p. 92-93 *In: D. Pauly, T. Pitcher and D. Preikshot (eds) Fisheries Centre Research Reports 6(5)*.
- Okey, T.A. and D. Pauly (Editors). 1998. *Trophic mass-balance model of Alaska's Prince William Sound Ecosystem, for the Post-Spill Period 1994-1996*. Fisheries Centre Research Reports 6(4), xi + 143 p.
- Pauly, D. and V. Christensen. 1998. The Ecopath approach and software. p. 8-11 *In: T.A. Okey and D. Pauly (eds) Trophic mass-balance model of Alaska's Prince William Sound Ecosystem, for the Post-Spill Period 1994-1996*. Fisheries Centre Research Reports 6(4).
- Bonfil, R., G. Munro, U.R. Sumaila, H. Valtysson, M. Wright, T. Pitcher, D. Preikshot, N. Haggan and D. Pauly 1998. *Impacts of distant water fleets: an ecological, economic and social assessment*. p. 11-111 *In: The footprint of distant water fleets on world fisheries. Endangered Seas Campaign, WWF International, Godalming, Surrey, 111 p. [Also issued separately, with same title, as Bonfil et al. (Editors). 1998. Fisheries Centre Research Reports 6(6), 111 p.]*
- Pauly, D. and V. Christensen. 1998. ECOPATH models of coral reef ecosystems, p. 161-168. Appendix B *In: J.W. McManus and S.G. Vergara (eds) ICLARM-WCMC ReefBase: A global database on coral reefs and their resources*. ICLARM, Manila.
- Pitcher, T.J., Watson, R., Courtney, A.M. and D. Pauly. 1998 *Assessment of Hong Kong's inshore fishery resources*. Fisheries Centre Research Reports 6(1): 1-168 [+Appendix on growth and mortality for 17 assessed[species]
- Pauly, D. and A.W. Trites. 1998. Ecosystem-based management and adaptive management. p. 10-11. *In: G.A. Harrington and D. Crouse (eds) Ecosystem-based management of the Bering Sea: Proceedings of the Alaska Seas Marine Conservation Biology Workshop, Anchorage, 6-7 October 1997*. Center for Marine Conservation, Washington, D.C.
- Kline, T.C. and D. Pauly. 1998. Cross-validation of trophic level estimates from a mass-balance model of Prince William Sound using ¹⁵N/¹⁴N data. p. 693-702. *In: T.J. Quinn II, F. Funk, J. Heifetz, J.N. Ianelli, J.E. Powers, J.F. Schweigert, P.J. Sullivan, C.-I. Zhang (eds) Proceedings of the International Symposium on Fishery Stock Assessment Models*. Alaska Sea Grant College Program Report No. 98-01.
- Preikshot, D.B. and D. Pauly 1998. A multivariate interdisciplinary assessment of small-scale tropical fisheries. p. 803-814 *In: T.J. Quinn II, F. Funk, J. Heifetz, J.N. Ianelli, J.E. Powers, J.F. Schweigert, P.J. Sullivan, C.-I. Zhang (eds) Proceedings of the International Symposium on Fishery Stock Assessment Models*. Alaska Sea Grant College Program Report No. 98-01.
- Froese, R. and D. Pauly (Editors). 1998. FishBase 98: Concepts, Design and Data Sources. ICLARM, Manila. 293 p. [incl. numerous contributions (co-)authored by D. Pauly]

1998 - OTHER ITEMS

- Pauly, D. 1998. The Fisheries Centre's annual migration: north to Alaska! *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 4(6): 5 & 7.
- Pauly, D., J. Saeger and M. Prein. 1998. Malthus und die Küstenfischerei der Tropen: eine philippinische Fallstudie. *Entwicklung und Ländlicher*

Raum 32(2): 17-20 [In German]

- Pauly, D. 1998. Rationale for reconstructing catch time series. *EC Fisheries Cooperation Bulletin*. 11(2): 4-7 [Disponible en français « Approche raisonné de la reconstruction des séries temporelles de prises », p. 8-10]
- Gayanilo, F.C., G.T. Silvestre and D. Pauly 1998. A low-level Geographic Information System for coastal zone management, with application to Brunei Darussalam. Part III: Simulation and tracking of oil spills. *Naga, the ICLARM Quarterly* 21(1): 41-43.
- Steele, J.H., A.R. Solow, M. Schumacher, T. Baumgartner, D. Cushing, L. Madin, R. Myers, D. Pauly, K. Sherman, M. Sissenwine, T. Smith and P. Wiebe. 1998. On the History of Marine Fisheries. Woods Hole Workshop, August 26, 1998. <http://www.comlsecretariat.org/wp-content/uploads/2010/06/On-the-History-of-Marine-Fisheries.pdf>
- Pauly, D. 1998. Two well-cited authors. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 4(2): 3.
- Pauly, D., J. Dalsgaard, T. Okey, R. Powell and S. Pimm. 1998. Mass-balance food-web ecosystem models as an alternative approach for combining multiple information sources in fisheries. Abstract, p. 815. In: T.J. Quinn II, F. Funk, J. Heifetz, J.N. Ianelli, J.E. Powers, J.F. Schweigert, P.J. Sullivan, C.-I. Zhang (eds). *Proceedings of the International Symposium on Fishery Stock Assessment Models*. Alaska Sea Grant College Program Report No. 98-01. Alaska Sea Grant, Fairbanks.
- Pauly, D. 1998. *Fishing down marine food webs: an update*. Oceans Limited, November 17-20 1998, Program and Abstracts. Simon Fraser University, Vancouver. ,
- Pauly, D. 1998. Workshop Report: "The use of Ecosim to evaluate strategies for the sustainable exploitation of multispecies resources." *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 4(3); 1.
- Dalsgaard, J., A. Jarre-Teichmann, C.J. Walters and D. Pauly 1998. An approach for the modelling of persistent pollutants in marine ecosystems. *International Council for the Exploration of the Sea, ICES C.M. 1998/V: 10*, 16 p.
- Pauly, D. 1998. Fishing down marine food webs... in Canada, too. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 4(1), Special Insert, p. 3.

1997 - ITEMS IN PEER-REVIEWED JOURNALS

- Walters, C. J., V. Christensen and D. Pauly. 1997. Structuring dynamic models of exploited ecosystems from trophic mass-balance assessments. *Reviews in Fish Biology and Fisheries* 7(2): 139-172.
- Vasconcellos, M., S. Mackinson, K. Sloman and D. Pauly. 1997. The stability of trophic mass-balance models of marine ecosystems: a comparative analysis. *Ecological Modelling* 100: 125-134.
- Trites, A.W., V. Christensen and D. Pauly 1997. Competition between fisheries and marine mammals for prey and primary production in the Pacific Ocean. *Journal of Northwest Atlantic Fishery Science* 22: 173-187.
- Pauly, D. 1997. Review of: *Fish and Fisheries in Tropical Estuaries*, by S.J.M. Blaber. *Reviews in Fish Biology and Fisheries* 7(4): 493-494.
- Pauly, D. 1997. Review of: *Patterns in the Oceans: Ocean Processes and Marine Population Dynamics* by Andrew Bakun. *Reviews in Fish Biology and Fisheries* 7(3): 382-384.
- Pauly, D. 1997. Reviews of: *Offshore Cichlids of Lake Malawi*, by G.F. Turner. *Review in Fish Biology and Fisheries* 7(3): 381-382.
- Pauly, D. 1997. Putting fisheries management back in places. *Reviews in Fish Biology and Fisheries* 7(1): 125-127. [Reprinted in *Bay of Bengal News* 2: 35-36, 1999].
- Pauly, D. 1997. Geometrical constraints on body size. *Trends in Ecology and Evolution* 12 (11): 442-443.

1997 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Gayanilo, F.C. and D. Pauly. 1997. *FAO-ICLARM Stock Assessment Tools: Reference Manual*. FAO Computerized Information Series/Fisheries. No. 8, Rome, 262 p.
- Dalsgaard, J. and D. Pauly. 1997. *Preliminary Mass-Balance Models of Prince William Sound, Alaska, for the Pre-Spill Period, 1980-1989*. Fisheries Centre Research Reports, 5(2), 33 p.
- Pauly, D. 1997. *Méthodes pour l'évaluation des ressources halieutiques*. Cepaduès Editions, Toulouse, 288 p.
- Silvestre, G and D. Pauly (Editors). 1997. *Status and Management of tropical coastal fisheries in Asia*. ICLARM Conference Proceedings 53, 208 p.
- Silvestre, G. and D. Pauly. 1997. Synopsis and recommendations of the ADB/ICLARM Workshop on tropical Coastal fish stocks in Asia. p. 1-7. In: G. Silvestre and D. Pauly (eds) *Status and Management of tropical coastal fisheries in Asia*. ICLARM Conference Proceedings 53.
- Silvestre, G. and D. Pauly. 1997. Management of Tropical Coastal Fisheries in Asia: an overview of key challenges and opportunities. p. 8-25. In: G. Silvestre and D. Pauly (eds). *Status and Management of tropical coastal fisheries in Asia*. ICLARM Conference Proceedings 53. [Reprinted as p. 150-167. In: Department of Agriculture/Bureau of Fisheries and Aquatic Resources). 2004. *In turbulent seas: The status of Philippine marine fisheries*. Coastal Resources Management Project, Cebu City, Philippines, 398 p.]
- Gayanilo F.C., T. Strømme and D. Pauly. 1997. Toward a Generic Trawl survey database management system. p. 116-132. In: G. Silvestre and D. Pauly (eds). *Status and Management of tropical coastal fisheries in Asia*. ICLARM Conference Proceedings 53.
- Venier, J. and D. Pauly. 1997. Trophic dynamics of a Florida Keys coral reef ecosystem. p. 915-920 In: H. A. Lessios and I.G. Macintyre (eds) *Proceedings of the 8th int. Coral Reef Symposium, June 24-29, 1996, Panama City*. Smithsonian Tropical Research Institute, Balboa, Panama. Vol. 1.
- Pauly, D. 1997. Small-scale fisheries in the tropics: marginality, marginalization and some implication for fisheries management. p. 40-49. In: E.K. Pikitch, D.D. Huppert and M.P. Sissenwine (eds) *Global trends: Fisheries Management*. American Fisheries Society Symposium 20, Bethesda, Maryland.
- Pullin, R.S.V., M.L.D. Palomares, C.V. Casal, M.M. Dey and D. Pauly. 1997. Environmental impacts of tilapias. p. 554-570. In: K. Fitzsimmons (ed.) *Tilapia aquaculture - Proceedings from the fourth international symposium on Tilapia in aquaculture*. Northeast Regional Agricultural

Engineering Service Cooperative Extension, Ithaca, New York. Vol 2.

- Pauly, D. 1997. Les pêches globales: géostratégies et nouveaux acteurs. p. 34-44. *In: G. Fontenelle (ed.) Activités halieutiques et développement durable - 4^{ième} Rencontre halieutiques de Rennes*. Ecole Nationale Supérieure Agronomique de Rennes.
- Pauly, D. 1997. Integrando dimensiones ecológicas y socio-económicas a la investigación pesquera del Sur del Golfo de Mexico. p. 437-446 *In: D. Flores-Hernández, P. Sánchez-Gil, J.C. Seijo and F. Arreguin-Sánchez (eds) Análisis y diagnóstico de los recursos pesqueros críticos del Golfo de Mexico*. Universidad Autónoma de Campeche. Epomex Serie Científica 7.

1997 - OTHER ITEMS

- Vakily, J.M., Froese, R., M.L.D. Palomares and D. Pauly. 1997. Fisheries and biodiversity management: How can ACP countries meet the challenge? *EC Fisheries Cooperation Bulletin* 10(1): 4-6 [Disponible en français « La gestion de la pêche et de la biodiversité : les pays ACP peuvent-ils relever le défi ? » p. 6-8].
- Pauly, D. 1997. My busy summer. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 3(4): 3.
- Pauly, D. 1997. The Science in FishBase. *EC Fisheries Cooperation Bulletin* 10 (2): 4-6 [Disponible en français « La science et FishBase », p. 6-8].
- Pauly, D. 1997. ECOPATH Training course in Mexico. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 3(1): 1
- Pauly, D. 1997. Toward a stratified trophic mass-balance model of the Gulf of Mexico Large Marine Ecosystem. Abstract, p. 867 *In: Q.R. Dokken (compiler) Workshop Report: Models and Mass-Balance Calculations for the Gulf of Mexico*. EPA/NOAA/Gulf of Mexico Foundation, Metairie, Louisiana.
- Gayanilo, F.C. and D. Pauly 1997. An update on FiSAT. *Naga, the ICLARM Quarterly* 20(3/4): 69.
- Cruz-Trinidad, A., G. Silvestre and D. Pauly. 1997. A low-level Geographic Information System for coastal zone management, with application to Brunei Darussalam. Part II: Economic analysis of trawling in Brunei Darussalam. *Naga, the ICLARM Quarterly* 20(3/4): 31-36.
- Pauly, D. 1997. Géostratégie et émergence de nouveaux acteurs. Abstract *In: Activités halieutiques et développement durable. Les Rencontres Halieutiques, 4^{ième} édition, Rennes. [+ discussion]*
- Pauly, D., F.C. Gayanilo and G.T. Silvestre. 1997. A low-level Geographic Information System for coastal zone management, with application to Brunei Darussalam. Part I. The concept and its design elements. *Naga, the ICLARM Quarterly* 20(2): 41-45.
- Christensen, V. and D. Pauly. 1997. Placing fisheries resources in their ecosystem context. 9- 11. *EC Fisheries Cooperation Bulletin* 10(2): 9-11.
- Vakily, J.M., R. Froese, M.L.D. Palomares and D. Pauly. 1997. European Union Supports Project to Strengthen Fisheries and Biodiversity Management in African, Caribbean and Pacific (ACP) Countries. *Naga, the ICLARM Quarterly* 20(1): 4-7.

1996 - ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. 1996. ITQs: the assumptions behind the meme. *Reviews in Fish Biology and Fisheries* 6: 109-112.
- Pauly, D. 1996. One hundred million tonnes of fish and fisheries research. *Fisheries Research* 25(1): 25-38.

1996 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. and V. Christensen. 1996. Ecosystem management: the next step. p. 22-24 *In: T.J. Pitcher (ed.) Reinventing Fisheries Management*. Fisheries Centre Research Reports 4(2).
- Walters, C.J., V. Christensen and D. Pauly. 1996. Using mass-balance (ECOPATH) food web models to structure dynamic (ECOSIM) simulation models. p. 25-26 *In: T.J. Pitcher (ed.) Reinventing Fisheries Management*. Fisheries Centre Research Reports 4(2).
- Pitcher, T.J., D. Preikshot, D. Pauly and A. Bundy. 1996. Measuring the Unmeasurable: multivariate interdisciplinary method for determining the health of fisheries. p. 45-46 *In: T.J. Pitcher (ed.) Reinventing Fisheries Management*. Fisheries Centre Research Reports 4(2).
- Pauly, D. and V. Christensen (Editors) 1996. *Mass-Balance Models of North-Eastern Pacific Ecosystems*. Fisheries Centre Research Reports 4(1), 131 p.
- Pauly, D. and V. Christensen. 1996. Rationale for mass-balance (trophic) models. p. 12-15 *In: D. Pauly and V. Christensen (eds) Fisheries Centre Research Reports* 4(1).
- Pauly, D. 1996. Southern B.C. Model: the area covered. p. 37 *In: D. Pauly and V. Christensen (eds) Mass-Balance Models of North-Eastern Pacific Ecosystems*. Fisheries Centre Research Reports 4(1).
- Pauly, D. and V. Christensen. 1996. Updates of Ecopath development and applications. p. 89-91 *In: D. Pauly and V. Christensen (eds) Mass-Balance Models of North-Eastern Pacific Ecosystems*. Fisheries Centre Research Reports 4(1).
- Gayanilo, F.C., P. Sparre and D. Pauly. 1996. *The FAO-ICLARM Stock Assessment Tools (FiSAT) User's Guide*. FAO Computerized Information Series/Fisheries 8, 126 p. [Distributed with 3 diskettes].
- Arreguin-Sánchez, F., J.L. Munro, M.C. Balgos and D. Pauly (Editors). 1996. *Biology, fisheries and culture of tropical groupers and snappers*. ICLARM Conference Proceedings 48, 449 p.
- Pauly, D., F. Arreguin-Sánchez, J.L. Munro and M.C. Balgos. 1996. Biology, fisheries and culture of snappers and groupers: workshop conclusions and updates to 1996, p. 1-10. *In: F. Arreguin-Sánchez, J.L. Munro, M.C. Balgos and D. Pauly (eds). Biology, fisheries and culture of tropical groupers and snappers*. ICLARM Conference Proceedings 48.
- Pauly, D. and C. Binohlan. 1996. FishBase and AUXIMS as tools for comparing life-history patterns, growth and natural mortality of fish: applications to snapper and groupers, p. 218-243. *In: F. Arreguin-Sánchez, J.L. Munro, M.C. Balgos and D. Pauly (eds). Biology, fisheries and culture of tropical groupers and snappers*. ICLARM Conference Proceedings 48.
- Pullin, R.S.V., J. Lazard, M. Legendre, J.B. Amon Kothias and D. Pauly (Editors). 1996. *Proceedings of the Third International Conference on Tilapia*

- in *Aquaculture*, 11-16 November 1991, Abidjan, Côte d'Ivoire. ICLARM Conference Proceedings 41, 574 p. [Disponible en français « Le troisième symposium international sur les tilapias en aquaculture », 630 p].
- Palomares, M.L.D. and D. Pauly. 1996. Models for estimating the food consumption of tilapias, p. 211-222. In: R.S.V. Pullin, J. Lazard, M. Legendre, J.B. Amon Kothias and D. Pauly (eds) *Proceedings of the Third International Conference on Tilapia in Aquaculture, 11-16 November 1991, Abidjan, Côte d'Ivoire*. ICLARM Conference Proceedings 41. [Disponible en français « Modèles de prédiction de la consommation alimentaire chez les tilapias », p. 234-245].
- Pauly, D., J. Moreau and F.C. Gayanilo. 1996. A new method for comparing the growth performance of fishes, applied to wild and farmed tilapias, p. 433-441. In: R.S.V. Pullin, J. Lazard, M. Legendre, J.B. Amon Kothias and D. Pauly (eds) *Proceedings of the Third International Conference on Tilapia in Aquaculture, 11-16 November 1991, Abidjan, Côte d'Ivoire*. ICLARM Conference Proceedings 41. [Disponible en français « Une nouvelle méthode de comparaison des performances de croissance des poissons, appliquée aux tilapias sauvages et d'élevage », p. 477-485].
- Pauly, D. and P. Martosubroto. (Editors). 1996. *Baseline studies in biodiversity: the fish resources of western Indonesia*. ICLARM Studies and Reviews 23. 390 p.
- Pauly, D. 1996. Biodiversity and the retrospective analysis of demersal trawl surveys: a programmatic approach, p. 1-6. In: D. Pauly and P. Martosubroto. (eds) *Baseline studies in biodiversity: the fish resources of western Indonesia*. ICLARM Studies and Reviews 23.
- Martosubroto, P., T. Sujastani and D. Pauly 1996. The mid 1970s demersal resources on the Indonesian side of the Malacca Strait. p. 40-46. In: D. Pauly and P. Martosubroto. (eds) *Baseline studies in biodiversity: the fish resources of western Indonesia*. ICLARM Studies and Reviews 23.
- Pauly, D., P. Martosubroto and J. Saeger 1996. The *Mutiara 4* surveys in the Java and southern South China Sea, November 1974 to July 1976. p. 47-54. In: D. Pauly and P. Martosubroto. (eds) *Baseline studies in biodiversity: the fish resources of western Indonesia*. ICLARM Studies and Reviews 23.
- Pauly, D., A. Cabanban and F.S.B. Torres. 1996. Fishery biology of 40 trawl-caught teleosts of Western Indonesia. p. 135-216. In: D. Pauly and P. Martosubroto. (eds) *Baseline studies in biodiversity: the fish resources of western Indonesia*. ICLARM Studies and Reviews 23.
- Torres, F.S.B., S.L. Bienvenida, M. Prein and D. Pauly. 1996. Using the NAN-SIS and FiSAT software to create a trawl survey database for western Indonesia. p. 276-283. In: D. Pauly and P. Martosubroto. (eds) *Baseline studies in biodiversity: the fish resources of western Indonesia*. ICLARM Studies and Reviews 23.
- Aquisap, A.C., M.A. Carigma, P.B. Cariño, V.M.J. Castrillo, F.C. Gayanilo, M.E.S. Guzman, C.C. Janagap, J.L. Maclean, D. Pauly, E.T. Tech and R.M. Temprosa. 1996. Asian fisheries science: a profile, p. 457-488. In: S.S. De Silva (ed.) *Perspectives in Asian fisheries: a volume to commemorate the 10th anniversary of the Asian Fisheries Society*. Asian Fisheries Society, Manila.
- Pauly, D. 1996. Fisheries biology: a new tool kit for dealing with new problems, p. 449-455. In: S.S. De Silva (ed.) *Perspectives in Asian fisheries: a volume to commemorate the 10th anniversary of the Asian Fisheries Society*. Asian Fisheries Society, Manila.
- Polunin, N.V.C., C.M. Roberts and D. Pauly 1996. Developments in tropical reef fisheries science and management. p. 361-377 In: N.V.C. Polunin and C.M. Roberts (eds) *Reef Fisheries*. Chapman & Hall, London.
- Pauly, D. 1996. Fleet-operational, economic and cultural determinants of by-catch uses in Southeast Asia. p. 285-288 In: *Solving By-Catch: Considerations for Today and Tomorrow*. University of Alaska, Sea Grant College Program, Report No. 96-03, Fairbanks.
- Pauly, D. and V. Christensen. 1996. Chapter 22: ECOPATH models of coral reef ecosystems, p. 137-144. In: J.W. McManus and M.C. Ablan (eds) *ReefBase: A global database on coral reefs and their resources*. ICLARM, Manila.

1996 - OTHER ITEMS

- Pauly, D. 1996. On editing a newsletter (such as Fishbyte). *Naga, the ICLARM Quarterly* 19(3): 34-36.
- Froese, R. and D. Pauly. 1996. Announcing the Release of FishBase 96. *Naga, the ICLARM Quarterly* 19(2): 23.
- Pauly, D. and V. Christensen 1996. Rehabilitating fished ecosystems: insights from the past. *Naga, the ICLARM Quarterly* 19(3): 13-14.
- Pauly, D. 1996. A positive step: The Marine Stewardship Council initiative. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 2(5): 1.
- Pauly, D. 1996. When is fisheries management needed? Caribbean Technical Cooperation Network on Artisanal Fisheries and Aquaculture Circular Letter No 33: 2-7 [Based on Keynote Paper 10, presented at the *SPC/FFA Workshop on the South Pacific Inshore Fisheries*, June 26-July, 7, 1995, Nouméa, New Caledonia [also available at <http://spc.int/coastfish/Reports/ICFMAP/pauly.pdf>]
- Pauly, D. 1996. Foreword, p. xi-xii In: S. Opitz. *Trophic interactions in Caribbean coral reefs*. ICLARM Technical Reports 43, 341 p.
- Pauly, D. 1996. Foreword, p. xi-xii In: S. Opitz. *Trophic interactions in Caribbean coral reefs*. ICLARM Technical Reports 43, 341 p.
- Pauly, D. 1996. Some reflections on Professor Ray Beverton, FRS, 1922-1995. *ICES/CIEM Information* (27): 16.
- Courtney, T., T.J. Pitcher, D. Pauly and C.J. Walters. 1996. *The assessment of inshore fisheries in Hong Kong*. Interim Report to ERM Ltd and AFD, Hong Kong, 25 p.
- Christensen, V. and D. Pauly 1996 Ecological modelling for all. *Naga, the ICLARM Quarterly* 19(2): 25-26. [shorter version in *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 2(3): 1].
- Cabanban, A., E. Capuli, R. Froese and D. Pauly. 1996. An annotated checklist of Philippine flatfish: ecological implications. Manuscript prepared for presentation at the Third International Symposium on Flatfish Ecology, Netherlands Institute for Sea Research (NIOZ), Texel, The Netherlands, 35 p. [available at <http://filaman.uni-kiel.de/ifm-geomar/rfroese/Philippine%20Flatfish.pdf>]

1995 - ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. 1995. Anecdotes and the shifting baseline syndrome of fisheries. *Trends in Ecology and Evolution* 10(10): 430.
- van Dam, A.A. and D. Pauly. 1995. Simulation of the effects of oxygen on food consumption and growth of Nile tilapia, *Oreochromis niloticus* (L.). *Aquaculture Research* (26): 427-440.
- Pauly, D., J. Moreau and N. Abad. 1995. Comparison of age-structured and length-converted catch curves of brown trout *Salmo trutta* in two French rivers. *Fisheries Research* (22): 197-204.
- Pauly, D. and V. Christensen. 1995. Primary production required to sustain global fisheries. *Nature* 374: 255-257. [Erratum in *Nature* 376: 279]

1995 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Moreau, J., M.L.D. Palomares, F.S.B. Torres and D. Pauly. 1995. *Atlas démographique des poissons d'eaux douces d'Afrique*. ICLARM Technical Report 45. 140 p.
- Roberts, C., W.J. Ballantine, C.D. Buxton, P. Dayton, L.B. Crowder, W. Milon, M.K. Orbach, D. Pauly, J. Trexler and C.J. Walters. 1995. *Review of the use of marine fishery reserves in the U.S. Southeastern Atlantic*. NOAA Technical Memorandum NMFS-SEFCS-376, 31 p.
- Pauly, D., F.C. Gayanilo, R. Froese and V. Christensen. 1995. Software tools for management of tropical aquatic resources, p. 90-102. In: G.T. Sakagawa (ed.) *Assessment methodologies and management*. Proceedings of the World Fisheries Congress, Theme 5. Oxford & IBH Publishing, New Delhi.
- Vakily, J.M. and D. Pauly. 1995. Seasonal movements of Sardinella off Sierra Leone. p. 425-436. In: F.X. Bard and K.A. Koranteng (eds) *Dynamique et usage des ressources en sardinelles de l'upwelling côtier du Ghana et de la Côte d'Ivoire*. Actes de la rencontre du DUSRU, 5-8 Octobre 1993, Accra, Ghana. Editions ORSTOM, Paris.
- Pauly, D. 1995. Ocean Ecology, p. 1-17 In: W.A. Nierenberg (ed.) *Encyclopedia of Environmental Biology*. Academic Press, San Diego, Volume 3.

1995 - OTHER ITEMS

- Pauly, D. 1995. Critical mass and productivity in fisheries research institutions. *Caribbean Technical Cooperation Network on Artisanal Fisheries and Aquaculture, Circular Letter* (32): 3-5.
- Pauly, D. 1995. Productive workshop on mass balance models. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 1(6): 1
- Froese, R. and D. Pauly. 1995. EC project reviewed in Nature. *EC Fisheries Cooperation Bulletin* 8 (3): 4-5 [Disponible en français « Un projet de la Commission Européenne analysé dans *Nature* »].
- Pauly, D. 1995. My working holiday. *FishBytes, the Newsletter of the Fisheries Centre, UBC*, 1(5): 1-2.
- Pauly, D. and V. Christensen 1995. Coral reef systems and their exploitation: toward a global account. *Reef Encounter* 18: 6-7.
- Pauly, D. and F. Arreguín-Sánchez. 1995. Improving Shepherd's length composition analysis (SLCA) method for growth parameter estimations. *Naga, the ICLARM Quarterly* 18(4): 31-33.
- Christensen, V. and D. Pauly 1995. Fish production catches and the carrying capacity of the world oceans. *Naga, the ICLARM Quarterly* 18(3): 34-40.
- Pauly, D. 1995. Dim photography in a Caribbean coral reef. *Annals of Improbable Research* 1(3): 20.
- Pauly, D. 1995. Using the Ecopath II approach to assess krill biomass and dynamics. p. 47. In: T.J. Pitcher, T.J. and R. Chuenpagdee (eds) *Harvesting krill: Ecological Impact, Assessment, Products and Markets*. Fisheries Centre Research Reports 3(3).
- Pauly, D., A.W. Trites and V. Christensen. 1995. Fisheries, Marine Mammals and the Carrying Capacity of the Pacific Ocean, p. 4-5 & 13 In: The 5th Asian and Pacific University Presidents' Conference Realizing the New Pacific Community - Abstracts and Short Biographies.
- Njiru, J., T.J. Pitcher and D. Pauly. 1995. Analysis of growth and mortality from daily growth structures in the otoliths of dagaa, *Rasterinobola argentea*, in Nyanza Gulf, Lake Victoria, Kenya. p. 40 In: *Programme and Abstracts, First Pan-African Fisheries Congress on Sustainable Fisheries in Africa*, July 31-August 4, 1995, Nairobi.
- Pauly, D., A.W. Trites, E. Capuli and V. Christensen. 1995. Diet composition and trophic levels of marine mammals. ICES C.M. 1995/N: 13. 22 p.
- Sánchez-Gil, P., A. Yañez-Arancibia, F. Arreguín-Sánchez, D. Pauly, D. Flores and J. Ramos. 1995. Fishery and ecological atlas in the southern Gulf of Mexico, p. 15. In: *Abstract of the Symposium on The Gulf of Mexico: a large marine ecosystem*, held on 23-25 August 1995, in St. Petersburg Beach, Florida. [Also, in *Jaina, Boletín Informativo de EPOMEX* 6(1): 6]

1994 - ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. 1994. Quantitative analysis of published data on the growth, metabolism, food consumption and related features of the red-bellied piranha, *Serrasalmus nattereri* (Characidae). *Environmental Biology of Fishes* 41: 423-437. [Reprinted In: E.K. Balon, M.N. Bruton and D.I.G. Noakes (eds) *Women in ichthyology: an anthology in honour of ET, Ro and Genie*. Kluwer Academic Publishers, Dordrecht.]
- Pauly, D. 1994. Review of J.C. Brêthes and R.N. O'Boyle (eds) *Méthodes d'évaluation des stocks halieutiques*. *Archive of Fishery and Marine Research* 42(2): 205-206.
- Froese, R. and D. Pauly. 1994. FishBase as a tool for comparing the life history patterns of flatfish. *Netherlands Journal of Sea Research* 32(3/4): 235-239.
- Pauly, D. 1994. A framework for latitudinal comparisons of flatfish recruitment. *Netherlands Journal of Sea Research* 32(2): 107-118.

1994 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London, 250 p.
- Pauly, D. 1994. An approach for minimizing the cost of obtaining the growth curves required for fish stock assessments in the Caribbean. p. 49-52.

- In: Final Report of the large pelagics, reef and deep slope fishes assessment subproject specification workshop held in Basseterre, St Kitts/Nevis, 18-26 January 1994.* CARICOM Fisheries Resource Assessment and Management Program.
- Yañez-Arancibia, A., A.L.L. Dominguez and D. Pauly. 1994. Coastal lagoons as fish habitats, p. 363-376. *In: B. Kjerfve (ed.) Coastal Lagoon Processes.* Elsevier Science Publishers, Amsterdam.
- Pauly, D. and A. Yañez-Arancibia. 1994. Fisheries in coastal lagoons. p. 377-399 *In: B. Kjerfve (ed.) Coastal Lagoon Processes.* Elsevier Science Publishers, Amsterdam.
- Pauly, D. 1994. Un mécanisme explicatif des migrations des poissons le long des côtes du Nord-Ouest africain, p. 235-244. *In: M. Barry-Gérard, T. Diouf and A. Fonteneau (eds) L'évaluation des ressources exploitables par la pêche artisanale sénégalaise - Documents scientifiques présentés lors du Symposium, 8-13 février 1993, Dakar, Sénégal.* ORSTOM Éditions, Paris. Tome 2.
- Froese, R. and D. Pauly 1994. A strategy and a structure for a database on aquatic biodiversity. p. 209-220. *In: J.-L Wu, Y. Hu and E.F. Westrum (eds) Proceedings of the CODATA Task Group on Data Sources in Asian-Oceanic Countries, Taipei, March 1994.* CODATA, Paris.
- Pauly, D. and V. Christensen. 1994. Modeling coral reef ecosystems, p. 58-60. *In: J.L. Munro and P.E. Munro (eds) The management of coral reef resource systems.* ICLARM Conference Proceedings 44.
- Pauly, D. 1994. Assessment methodologies and fisheries management: how to keep making sense. p. 121-132 *In: C.W. Voigtlander (ed.) The State of the World's Fisheries Resources. Proceedings of the World Fisheries Congress, Athens, Greece, 3-8 May 1992.* Vol. 1: Plenary Sessions. Oxford and IBH Publishing, New Delhi. [Reprinted, p. 4-15 *In: G.T. Sakagawa (ed.) Assessment methodologies and management. Proceedings of the World Fisheries Congress, Theme 5.* Same publishers; also reprinted as Essay no. 5, p. 36-47 *In: D. Pauly. 1994. On the sex of fish and the gender of scientists: essays in fisheries science.* Chapman & Hall, London.]

1994 - OTHER ITEMS

- Pauly, D., P. Sánchez-Gil and F. Arreguin-Sánchez 1994. Modelación de recursos pesqueros y su ecosistema: algunos tópicos relevantes. *Jaina, Boletín Informativo de EPOMEX* 5(4): 4-5.
- Pauly, D. and S. Garcia 1994. Announcing the release of FiSAT (Version 1.0). *Naga, the ICLARM Quarterly* 17(4): 46-47.
- Pauly, D. 1994. From growth to Malthusian overfishing: stages of fisheries misuse. *South Pacific Commission Newsletter of the Special Interest Group on Traditional Marine Resources Management and Knowledge* (3): 7-14.
- Pauly, D. 1994. From managing fisheries to managing ecosystems. *ICES/CIEM Information* (24):7
- Mohr, E. W. 1994 (original 1921). Age determination in tropical fish [Translated from German and introduced by D. Pauly]. *Naga, the ICLARM Quarterly* 17(2): 27-30.
- Pauly, D. 1994. Re-sharpening Ockham's razor. *Naga, the ICLARM Quarterly* 17(2): 7-8.
- Pauly, D., Pitcher. T.J. and W. Peterson. 1994. Some General Observations on the 1994 Round of Applications to the Sancor Programme, 'The Sea and the Coast', Cape Town. Manuscript, 6 p. [Reprinted as Pauly, D., T.J. Pitcher and W.T. Peterson. 2020. Post-Apartheid Marine Research, p. 103-105 *In: D. Pauly and V. Ruiz-Leotaud (eds) Marine and Freshwater Miscellanea II.* Fisheries Centre Research Reports 29(2).

1993 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Christensen, V. and D. Pauly (Editors). 1993. *Trophic models of aquatic ecosystems.* ICLARM Conference Proceedings No. 26, 390 p.
- Pauly, D., M.L. Soriano-Bartz and M.L.D. Palomares 1993. Improved construction, parametrization and interpretation of steady-state ecosystem models. p. 1-13. *In: V. Christensen and D. Pauly (eds) Trophic models of aquatic ecosystems.* ICLARM Conference Proceedings 26.
- Christensen, V. and D. Pauly. 1993. On steady-state modelling of ecosystems. p. 14-19. *In: V. Christensen and D. Pauly (eds) Trophic models of aquatic ecosystems.* ICLARM Conference Proceedings 26.
- Pauly, D. and V. Christensen. 1993. Graphical representation of steady-state trophic ecosystem models. p. 20-28. *In: V. Christensen and D. Pauly (eds) Trophic models of aquatic ecosystems.* ICLARM Conference Proceedings 26.
- Moreau, J., V. Christensen and D. Pauly 1993. A trophic ecosystem model of Lake George, Uganda. p. 124-129. *In: V. Christensen and D. Pauly (eds) Trophic models of aquatic ecosystems.* ICLARM Conference Proceedings 26.
- Pauly, D., V. Sambilay and S. Opitz 1993. Estimates of relative food consumption by fish and invertebrate populations required for modelling the Bolinao Reef Ecosystem. p. 236-251. *In: V. Christensen and D. Pauly (eds) Trophic models of aquatic ecosystems.* ICLARM Conference Proceedings 26.
- Jarre-Teichmann, A. and D. Pauly 1993. Seasonal changes in the Peruvian upwelling ecosystem. p. 307-314. *In: V. Christensen and D. Pauly (eds) Trophic models of aquatic ecosystems.* ICLARM Conference Proceedings 26.
- Christensen, V. and D. Pauly. 1993. Flow characteristics of aquatic ecosystems. p. 339-355. *In: V. Christensen and D. Pauly (eds) Trophic models of aquatic ecosystems.* ICLARM Conference Proceedings 26.
- Prein, M., G. Hulata and D. Pauly (Editors). 1993. *Multivariate methods in aquaculture research: case studies of tilapias in experimental and commercial systems.* ICLARM Studies and Reviews 20, 221 p.
- Prein, M., G. Hulata and D. Pauly. 1993. On the use of multivariate statistical methods in aquaculture research. p. 1-11. *In: M. Prein, G. Hulata and D. Pauly (eds) Multivariate methods in aquaculture research: case studies of tilapias in experimental and commercial systems.* ICLARM Studies and Reviews 20.
- Pauly, D., M. Prein and K.D. Hopkins. 1993. Multiple regression analysis of aquaculture experiments based on the "extended Gulland-and-Holt plot": model derivation, data requirements and recommended procedures. p. 13-23. *In: M. Prein, G. Hulata and D. Pauly (eds) Multivariate methods in aquaculture research: case studies of tilapias in experimental and commercial systems.* ICLARM Studies and Reviews 20.
- Prein, M. and D. Pauly. 1993. Two new approaches for examining multivariate aquaculture growth data: the "extended Bayley Plot" and path analysis.

- p. 32-49. In: M. Prein, G. Hulata and D. Pauly (eds) *Multivariate methods in aquaculture research: case studies of tilapias in experimental and commercial systems*. ICLARM Studies and Reviews 20.
- Mair, G.C. and D. Pauly. 1993. A multivariate analysis of growth in juvenile tilapia (*Oreochromis aureus* and *O. niloticus*; Cichlidae) reared in recirculating systems. p. 97-104. In: M. Prein, G. Hulata and D. Pauly (eds) *Multivariate methods in aquaculture research: case studies of tilapias in experimental and commercial systems*. ICLARM Studies and Reviews 20.
- Hopkins, K.D. and D. Pauly. 1993. Instantaneous mortalities and multivariate models: applications to tilapia culture in saline water. p. 105-111. In: M. Prein, G. Hulata and D. Pauly (eds) *Multivariate methods in aquaculture research: case studies of tilapias in experimental and commercial systems*. ICLARM Studies and Reviews 20.
- Pauly, D. and V. Christensen. 1993. Stratified models of large marine ecosystems: a general approach and an application to the South China Sea, p. 148-174. In: K. Sherman., L.M. Alexander and B.D. Gold (eds) *Stress, mitigation and sustainability of large marine ecosystems*, American Association for the Advancement of Science, Washington D.C.
- Pauly, D. 1993. Use of FishBase in the context of the BDRM. Annexe IX5, p. 141 In: *Atelier sur la Mise en Œuvre de la Base de Données Régionale Maritime (BDRM), Dakar, Sénégal, 15-19 février 1993*. Conférence Ministérielle sur la Coopération entre les Etats Africains riverains de l'océan Atlantique, Dakar/Brussels.

1993 - OTHER ITEMS

- Palomares, M.L.D., R. Froese and D. Pauly. 1993. On traditional knowledge, fish and databases: a call for contributions. *Bulletin of the Special Interest group on Traditional Management and Knowledge, Department of Fisheries, South Pacific Commission* (2): 17-19 [Disponible en français « Savoir traditionnel, poissons et bases de données: appel aux lecteurs » p. 19-20].
- Pauly, D. 1993 Data-rich books. *BioScience* 43(3): 167-168. [Reprinted as Essay no. 26, p. 185-188 In: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Pauly, D., M.L.D. Palomares and R. Froese. 1993 Some prose on a database of indigenous knowledge on fish. *IK and Development Monitor* 1(1): 26-27.
- Pauly, D. 1993. Foreword. In: R.H.J. Beverton and S.J. Holt 1957 - *On the dynamics of exploited fish populations*. Reprint Edition, Chapman & Hall, London.
- Palomares, M.L.D. and D. Pauly. 1993. FishBase as a worldwide computerized repository of ethno-ichthyology or indigenous knowledge on fishes. Presented at the *International Symposium on Indigenous Knowledge and Sustainable Development*, 20-26 September 1992, International Institute for Rural Reconstruction, Silang, Cavite (Abstract In: *Indigenous Knowledge and Development Monitor* 1(2): 18.

1992 - ITEMS IN PEER-REVIEWED JOURNALS

- Soriano, M., J. Moreau, J.M. Hoenig and D. Pauly. 1992. New functions for the analysis of two-phase growth of juvenile and adult fishes, with application to Nile perch. *Transactions of the American Fisheries Society* 121: 486-493.
- Pauly, D., M. Soriano-Bartz, J. Moreau and A. Jarre. 1992. A new model accounting for seasonal growth cessation in fishes. *Australian Journal of Marine and Freshwater Research* 43: 1151-1156.
- Christensen, V. and D. Pauly. 1992. The ECOPATH II - a software for balancing steady-state ecosystem models and calculating network characteristics. *Ecological Modelling* 61: 169-185.

1992 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. (Editor). 1992. *Population dynamics of exploited fishes and crustaceans in Mozambique: contributions from a course on the "Use of Computers for Fisheries Research", held at the Instituto de Investigaçao Pesqueira, 23 February to 15 March 1988 in Maputo, Mozambique*. Revista de Investigaçao Pesqueira. (21), 135 p.
- Pauly, D. 1992. Some key concepts in fisheries research and management, with emphasis on Mozambique, p. 106-128. In: D. Pauly (ed.). *Population dynamics of exploited fishes and crustaceans in Mozambique: contributions from a course on the "Use of Computers for Fisheries Research", held at the Instituto de Investigaçao Pesqueira, 23 February to 15 March 1988 in Maputo, Mozambique*. Revista de Investigaçao Pesqueira (21).
- Sambilay, V.C., M.L.D. Palomares, S. Opitz and D. Pauly. 1992. Toward modeling a coral reef ecosystem: relative food consumption estimates for some Bolinao reef fishes, Pangasinan, Philippines, p. 215-223. In: A. Alcala and L.T. McManus (eds) *Proceedings of the First National Symposium in Marine Science 16-18 May 1990, Bolinao, Pangasinan, Philippines*. Marine Sciences Institute, University of the Philippines, Quezon City.
- Pauly, D. and M. Aguero. 1992. Small-scale fisheries in the neotropics: research and management issues, p. 28-36. In: M. Agüero (ed.) *Contribuciones para el estudio de la pesca artesanal en América Latina*. ICLARM Conference Proceedings 35.
- Pauly, D. and J. Saeger. 1992. Im Schatten von Malthus: Kleinfischerei auf den Philippinen, p. 125-139. In: N.K. Gelpke (ed.) *Un-endliches Meer: Zerstörung des marinen Ökosystems-wirtschaftliche, politische, ökologische und kulturelle Hintergründe*. Focus Verlag, Giessen.

1992 - OTHER ITEMS

- Padilla, J.E. and D. Pauly. 1992. The role of ICLARM on wetland protection, utilization and management. *Wallaceana* 68/69: 9-12.
- Bakun, A., V. Christensen, C. Curtis, P. Cury, M.H. Durand, D. Husby, R. Mendelssohn, J. Mendo, R. Parris, D. Pauly and C. Roy. 1992. The climate and eastern ocean systems project. *Naga, the ICLARM Quarterly* 15(4): 26-30.
- Palomares, M.L.D. and D. Pauly. 1992. Use of FishBase for assembling information on the fishes of Cambodia, Laos and Vietnam, p. 75, Abstract

- OFB-2 In: *Fisheries Towards 2000 – Third Asian Fisheries Forum*. Book of Abstracts, Asian Fisheries Society, Singapore.
- Pauly, D. 1992. Peruvian anchoveta, Charles Darwin and us. *Naga, the ICLARM Quarterly* 15(4): 14-15.
- Pauly, D. and R. Froese. 1992. FishBase, base de datos computarizada sobre los peces: uso potencial para América Latina. *Jaina, Boletín Informativo de EPOMEX* 3(4): 11-13.
- Pauly, D. and C. Lightfoot. 1992. A new approach for analyzing and comparing coastal resource systems. *Naga, the ICLARM Quarterly* 15(2): 7-10.
- Froese, R., M.L.D. Palomares and D. Pauly. 1992. *A draft user's manual of FishBase, a biological database on fishes*. ICLARM Software 7, 48 p.
- Christensen, V. and D. Pauly. 1992. Ecopath II – an approach and a software for construction of ecosystem models and food web analysis. ICES C.M. 1992/L: 30. [Poster presentation].
- Cruz-Trinidad, A., F.S.B. Torres and D. Pauly. 1992. Index to Fishbyte, Volumes 1 to 9 (1983-1991). ICLARM, 43 p.
- Pauly, D. 1992. Foreword, p. ix In: J.M. Vakily. *Determination and comparison of bivalve growth, with emphasis on Thailand and other tropical areas*. ICLARM Technical Reports 36, 126 p.
- Christensen, V. and D. Pauly. 1992. *Una guía al Ecopath II sistema de software (versión 2.1)*. Traducido por Mathias Wolf. ICLARM Software 6, 81 p. ZMT Contribución 1, Centro de Ecología Marina Tropical (ZMT), Bremen, Alemania y Centro Internacional de Manejo de los Recursos Acuáticos Vivos (ICLARM), Manila, Filipinas.
- Pauly, D. 1992. Les modèles de relation trophiques: Ecopath I and II, p. 90-120. In: V. Christensen and D. Pauly. *Guide du logiciel Ecopath II (version 2.1)*. ICLARM Software 6, 120 p.
- Christensen, V. and D. Pauly. 1992. *Guide du logiciel Ecopath II (version 2.1)*. Adaptation française de Jacques Moreau, avec l'assistance technique de C. Lhomme-Binudin. ICLARM Software 6, 120 p. Centre International de Gestion des Ressources Aquatiques Vivantes, Manille, Philippines.
- Christensen, V. and D. Pauly. 1992. *A Guide to the ECOPATH II Software System (Version 2.1)*. ICLARM Software 6, 72 p.

1991 - ITEMS IN PEER-REVIEWED JOURNALS

- Jarre, A., M.R. Clarke and D. Pauly. 1991. Re-examination of growth estimates in oceanic squids: the case of *Kondakovia longimana* (Onychoteuthidae). *ICES Journal of Marine Science* 48: 195-200.
- Silvestre, G., M. Soriano and D. Pauly. 1991. Sigmoid selection and the Beverton and Holt equation. *Asian Fisheries Science* 4(1): 85-98. Pauly, D. 1991. Estimation of oxygen and food consumption in *Sarda chiliensis* (Cuvier): a correction. *Journal of Fish Biology* 39: 127-128.

1991 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. and A. Cruz-Trinidad. 1991. Sound ecology is good economics: four vignettes from Philippine fisheries, p. 105-117. In: *The Philippine Environment: financing environmental conservation and rehabilitation projects and programs*. The Philippine Futuristics Society, Makati, Metro Manila.
- Pauly, D., T.O. Acere, C. Newton and M. Vincke. 1991. Fisheries and aquaculture research capabilities and needs in Southeastern Africa: studies of Kenya, Malawi, Mozambique and Zimbabwe. p. 1-52. In: *Fisheries and Aquaculture Research Capabilities and Needs in Africa*. World Bank Technical Paper Series (Fisheries) No. 149, Washington, DC.
- Jarre, A., M.L.D. Palomares, M.L. Soriano, V. Sambilay and D. Pauly. 1991. Some new analytical and comparative methods for estimating the food consumption of fish. p. 99-108. In: N. Daan and M.P. Sissenwine (eds) *Multispecies models relevant to the management of living resources*. ICES Marine Science Symposium 193.
- Jarre, A., P. Muck and D. Pauly. 1991. Two approaches for modeling stock interactions in the Peruvian upwelling ecosystem. p. 171-184. In: N. Daan and M.P. Sissenwine (eds) *Multispecies models relevant to the management of living resources*. ICES Marine Science Symposium 193.
- Gordon, R.A., M. Bernhard, M.J. Crawley, Y. Halim, K.J. Hsü, W.R. Jordan III, P. Kafka, H. Nöthel, D. Pauly, S.L. Pimm, G.S. Sayler and W. Van den Daele. 1991. Does bioscience threaten ecological integrity? p. 185-201. In: D.J. Roy, B.E. Wynne and R.W. Old (eds) *Bioscience* <=> *Society*. John Wiley & Sons, Chichester.

1991 - OTHER ITEMS

- Palomares, M.L.D., J. Moreau, P. Reyes-Marchant, R. Froese and D. Pauly. 1991. FishBase: une base de données sur les poissons. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 9(2): 58-61.
- Kleiber, P. and D. Pauly. 1991. Graphical representations of ELEFAN I response surfaces. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 9(2): 45-49.
- Torres, F. and D. Pauly. 1991. Tabular data on marine fishes from Southern Africa, Part II: Growth parameters. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 9(2): 37-38.
- Pauly, D. 1991. Growth performance in fishes: rigorous description of patterns as a basis for understanding causal mechanisms. *Aquabyte, Newsletter of the Network of Tropical Aquaculture Scientists* 4(3): 3-6 [Reprinted as Essay no. 7, p. 61-66 In: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Pauly, D. and R. Froese. 1991. The FishBase Project... or how scattered information on fish can be assembled and made useful for research and development. *EC Fisheries Cooperation Bulletin* Dec. 1991: 1-6 [Disponible en Français « Le projet FishBase... ou comment de l'information dispersée sur le poisson peut être rassemblée et rendue utilisable pour la recherche et le développement »].
- Pauly, D. and R. Froese. 1991. FishBase: Assembling information on Fish. *Naga, the ICLARM Quarterly* 9(4): 10-11.
- Christensen, V. and D. Pauly. 1991. The South China Sea: analyzing fisheries catch data in an ecosystem context. *Naga, the ICLARM Quarterly* 9(4): 7-9.

- Pauly, D. and P. Sparre. 1991. A Note on the Development of a New Software Package, the FAO-ICLARM Stock Assessment Tools (FiSAT). *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 9(1): 47-48.
- Pauly, D. 1991. Growth of the checkered puffer *Sphoeroides testudineus*: postscript to papers by Targett and Pauly & Ingles. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 9(1): 19-22.
- Jarre, A., M.L.D. Palomares, V.C. Sambilay and D. Pauly. 1991. *A user's manual for MAXIMS, a computer program for estimating the food consumption of fishes from diel stomach contents data and population parameters*. ICLARM Software 4, 27 p.
- Christensen, V., A. Cruz-Trinidad, J. Paw, F. Torres and D. Pauly. 1991. Catch and potentials of major fisheries systems in tropical and subtropical areas. 13-14. *In: A strategic plan for International Fisheries Research*. (Appendix Volume), ICLARM, Manila.
- Christensen, V. and D. Pauly. 1991. *A guide to the ECOPATH II software system*. ICLARM Software 6, 71 p.

1990 - ITEMS IN PEER-REVIEWED JOURNALS

- Dalzell, P. and D. Pauly. 1990. Assessment of the fish resources of Southeast Asia, with emphasis on the Banda and Arafura Seas. *Netherlands Journal of Sea Research* 24(4): 641-650.
- Tandog-Edralin, D.D., E.C. Cortes-Zaragosa, P. Dalzell and D. Pauly. 1990. Some aspects of the biology of skipjack (*Katsuwonus pelamis*) in Philippine waters. *Asian Marine Biology* (7): 15-29.
- McManus, J. and D. Pauly. 1990. Measuring ecological stress - variations on a theme by Warwick, R.M. *Marine Biology* 106(2): 305-309.
- Regier, H., J.A. Holmes and D. Pauly. 1990. Influence of temperature changes on aquatic ecosystem: an interpretation of empirical data. *In: H.A. Regier, J.J. Magnuson and C.C. Coutant (eds). Proceedings of the Symposium on Effects of Climate Change on Fish. Transactions of the American Fisheries Society* 119 (2): 374-389.
- Brey, T., W.E. Arntz, D. Pauly and H. Rumohr. 1990. *Arctica (Cyprina) islandica* in Kiel Bay (Western Baltic): growth, production and ecological significance. *Journal of Experimental Marine Biology and Ecology* 136: 217-235.

1990 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D., T.O. Acere, C. Newton and M. Vincke. 1990. *On Research of Fisheries and Aquaculture in Southeastern Africa: Report of a Mission to Kenya, Malawi, Mozambique and Zimbabwe, 7-26 January 1990*, Study of International Fisheries Research. SIFR/6, The World Bank, New York, 58 p.
- Cruz-Trinidad, A. and D. Pauly. 1990. The Network of Tropical Scientists: Bridging Communication Gaps. p. 14-19 *In: J.L. Maclean and L. B. Dizon (eds) ICLARM Report for 1989*. ICLARM, Manila.
- Pauly, D., M. Small, R. Vore and M.L.D. Palomares. 1990. Fisheries yields and morphoedaphic index of Lake Mainit, Philippines, p. 835-838. *In: R. Hirano and I. Hanyu (eds) The Second Asian Fisheries Forum*. Asian Fisheries Society, Manila.
- Del Norte, A.G.C. and D. Pauly. 1990. Virtual population estimates of monthly recruitment and biomass of rabbitfish, *Siganus fuscescens* from Bolinao, Northern Philippines, p. 851-854. *In: R. Hirano and I. Hanyu (eds) The Second Asian Fisheries Forum*. Asian Fisheries Society, Manila.

1990 - OTHER ITEMS

- Pauly, D. 1990. Length-converted catch curves and the seasonal growth of fishes, *Fishbyte* 8(3): 24-29.
- Pauly, D. and F.C. Gayanilo. 1990. The Growth of ELEFAN. *Naga, the ICLARM Quarterly* 13(2): 14-16.
- Pauly, D. 1990. On holism, reductionism and working from 9 to 5. *Naga, the ICLARM Quarterly* 13(2): 3-4. [Reprinted as Essay no. 22, p. 159-171 *In: D. Pauly. 1994. On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Pauly, D. 1990. J.A. Gulland, FRS, 1923-1990. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 8(2): 28-29. [Reprinted as Essay no. 20, p. 151-153 *In: D. Pauly. 1994. On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Gayanilo, F.C. and D. Pauly. 1991. The Compleat ELEFAN, Version 1.1: Post-release blues. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 8(1): 47-49.
- Pauly, D. 1990. On Malthusian overfishing. *Naga, the ICLARM Quarterly* 13(1): 3-4. [Reprinted as Essay no. 13, p. 112-117 *In: D. Pauly. 1994. On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Pauly, D. 1990. ICLARM strategic planning: scope for research impact on living aquatic resources management. Working Group Report, ICLARM, Manila 18 p.
- Pauly, D., V. Christensen and V. Sambilay. 1990. Some features of fish food consumption estimates used by ecosystem modellers. I.C.E.S. C.M. 1990/G: 17, Session O, 9 p.
- Jarre, A. and D. Pauly. 1990. Seasonal changes in the Peruvian upwelling ecosystem. International Council for the Exploration of the Sea, ICES C.M. 1990/L: 50 (Poster).
- Pauly, D. 1990. Foreword, p. x *In: V. J. Isaac. 1990. The accuracy of some length-based methods for fish population studies*. ICLARM Technical Report 27, 81 p.
- Christensen, V. and D. Pauly. 1990. Global comparisons of aquatic ecosystems. ICES C.M. 1990/L: 69, 7 p.
- Christensen, V. and D. Pauly. 1990. The ECOPATH II model. ICES C.M. 1990/L: 68, 6 p.
- Pauly, D. and V. Christensen. 1990. *Three new approaches for the graphical representation of steady-state trophic ecosystem models*. International Council for the Exploration of the Sea, ICES C.M. 1990/L: 67, 6 p.
- Soriano, M., J. Moreau, J. Hoenig and D. Pauly. 1990. New functions for the analysis of two-phase growth of juvenile and adult fishes, with

application to Nile perch. International Council for the Exploration of the Sea, ICES C.M. 1990/D: 16, 9 p.
Christensen, V. and D. Pauly. 1990. *A draft guide to the ECOPATH II program (version 1.0)*. ICLARM Software 6, 22 p.

1989 - ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D., G. Silvestre and I.R. Smith. 1989. On development, fisheries and dynamite, a brief review of tropical fisheries management. *Natural Resource Modeling* 3(3): 307-329.
- Pauly, D. 1989. Food consumption by tropical and temperate marine fishes: some generalizations. *Journal of Fish Biology* 35 (A): 11-20.
- Cortes-Zaragoza, E., P. Dalzell and D. Pauly. 1989. Hook selectivity of yellowfin tuna (*Thunnus albacares*) caught off Darigayos Cove, La Union, Philippines. *Journal of Applied Ichthyology* 5(1): 12-17.
- Pauly, D. 1989. An eponym for Reuben Lasker. *United States Fishery Bulletin* 87(3): 383-384. [Reprinted on p. 39 In: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Palomares, M.L.D. and D. Pauly. 1989. A multiple regression model for predicting the food consumption of marine fish population. *Australian Journal of Marine and Freshwater Research* 40(3): 259-284.
- Pauly, D. 1989. Biology and management of tropical marine fisheries. *Resource Management and Optimization* 6(3): 253-271. [Reprinted as Essay no. 3, p. 15-27 In: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London.

1989 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Chua, T.E and D. Pauly (Editors). 1989. *Proceedings of the ASEAN/US Policy Workshop on Coastal Area Management, 25-27 October. Johor Bahru, Malaysia*. ICLARM Conference Proceedings 19, 254 p.
- Pauly, D. 1989. Fisheries resources management in Southeast Asia: why bother? p. 1-9. In: Chua, T.E. and D. Pauly (eds) *Proceedings of the ASEAN/US Policy Workshop on Coastal Area Management, 25-27 October. Johor Bahru, Malaysia*. ICLARM Conference Proceedings 19. [Reprinted as Essay no. 4, p. 28-35 In: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Pauly, D., P. Muck, J. Mendo and I. Tsukayama (Editors). 1989. *The Peruvian Upwelling Ecosystem: Dynamics and Interactions*. ICLARM Conference Proceedings 18, 438 p.
- Pauly, D., A. Jarre, S. Luna, V. Sambilay, B. Rojas de Mendiola and A. Alamo. 1989. On the Quantity and Types of Food Ingested by Peruvian Anchoveta, 1953 - 1982, p. 109-124. In: D. Pauly, P. Muck, J. Mendo and I. Tsukayama (eds) *The Peruvian Upwelling Ecosystem: Dynamics and Interactions*. ICLARM Conference Proceedings 18.
- Senoçak, T., D. Schnack and D. Pauly. 1989. Mean Monthly Distribution, Abundance and Production of Anchoveta Eggs off Peru (4-14°S), 1964 - 1971 and 1972 - 1986, p. 143-154. In: D. Pauly, P. Muck, J. Mendo and I. Tsukayama (eds) *The Peruvian Upwelling Ecosystem: Dynamics and Interactions*. ICLARM Conference Proceedings 18.
- Pauly, D. and M. Soriano. 1989. Production and Mortality of Anchoveta (*Engraulis ringens*) Eggs off Peru, p. 155-167. In: D. Pauly, P. Muck, J. Mendo and I. Tsukayama (eds) *The Peruvian Upwelling Ecosystem: Dynamics and Interactions*. ICLARM Conference Proceedings 18.
- Pauly, D. and M.L.D. Palomares. 1989. New Estimates of Monthly Biomass, Recruitment and Related Statistics of Anchoveta (*Engraulis ringens*) off Peru (4-14 °S), 1953 - 1985, p 189-206. In: D. Pauly, P. Muck, J. Mendo and I. Tsukayama (eds) *The Peruvian Upwelling Ecosystem: Dynamics and Interactions*. ICLARM Conference Proceedings 18.
- Pauly, D. 1989. Interactions in and Dynamics of the Peruvian Upwelling System: A Postscript, p. 404-407. In: D. Pauly, P. Muck, J. Mendo and I. Tsukayama (eds) *The Peruvian Upwelling Ecosystem: Dynamics and Interactions*. ICLARM Conference Proceedings 18.
- Pauly, D. 1989. Key elements of the IMARPE/GTZ/NMFS/ICLARM study on the Peruvian anchoveta and its upwelling ecosystem as an example of multidisciplinary research in oceanography, p. 142-154. In: L.T. McManus and @@ Collins (eds) *Proceedings of the Synthesis Workshop on Marine Science Programs in the Philippines, Nov. 29-Dec. 1, 1988*. Asian Institute of Tourism, Diliman, Quezon City.
- Pauly, D. and Colleagues. 1989. Requirements for Environmentally Sound Aquatic Resources Management, p. 39-51. In: *Dryland, Wetlands, Croplands: Turning Liabilities into Assets*. Infoterra Programme Activity Centre, United Nation Environment Programme, Nairobi.

1989 - OTHER ITEMS

- Pauly, D. 1989. A theory of fishing for a two-dimensional world. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 7(3): 28-31. [Reprinted as Essay no. 12, p. 104-111 In: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Gayanilo, F.C. and D. Pauly. 1989. Announcing the release of Version 1.1 of the Compleat ELEFAN Software package. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 7(2): 20-21.
- Pauly, D. 1989. On the sex of fish and the gender of scientists. *Naga, The ICLARM Quarterly* 12(2): 8-9. [Reprinted as Essay no. 24, p. 172-175 In: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Pauly, D. 1989. A simple index of metabolic level in fishes. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 7(1): 22. [Reprinted as Essay no. 9, p. 74-77 In: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Soriano, M.L. and D. Pauly. 1989. A method for estimating the parameters of a seasonally oscillating growth curve from growth increment data. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 7(1): 18-21.
- Acere, T.O., G.T. Silvestre and D. Pauly. 1989. A draft bibliography of the Nile perch (*Lates niloticus*; Pisces: Centropomidae), ICLARM, Manila, 46 p.

- Acere, T.O., G.T. Silvestre and D. Pauly. 1989. A draft bibliography of Lake Victoria (East Africa). ICLARM, Manila, 104 p.
- Pauly, D., G. Silvestre and I. R. Smith. 1989. On development, fisheries and dynamite, a brief review of tropical fisheries management, p. 29-33. *In*: A.T. Charles and G.N. White (eds) Proceedings of the First Interdisciplinary Conference on Natural Resources Modeling and Analysis, 29 September – 1 October 1988. Centre for Resource Systems Analysis, St. Mary's University, Halifax, N.S., Canada. [Extended abstract].
- Jarre, A., M. Clarke and D. Pauly. 1989. Reexamination of growth estimates in oceanic squids: the case of *Kondakovia longimana* (Onychoteuthidae). ICES C.M. 1989/K: 19, Ref. D.
- Aguirre-Leon, A., A. Yañez-Arancibia and D. Pauly. 1989. Recruitment model of *Eucinostomus gula* (Pisces: Gerridae) in the southern Gulf of Mexico: life-history with tropical estuary-shelf interrelationships. p. 57 *In*: XIII Annual Reunion of the Early Life History Section, American Fisheries Society, 21-26 May 1989, Merida, Mexico. El Programa y la Memoria.

1988 - ITEMS IN PEER-REVIEWED JOURNALS

- Mendo, J. and D. Pauly. 1988. Indirect estimation of oxygen and food consumption in bonito *Sarda chiliensis* (Scombridae). *Journal of Fish Biology* 33(5): 815-818.
- Pauly, D. and R.S.V. Pullin. 1988. Hatching time in spherical, pelagic marine fish eggs in response to temperature and egg size. *Environmental Biology of Fishes* 22(2): 261-271.
- Pauly, D. and T.E. Chua. 1988. The overfishing of marine resources: socioeconomic background in Southeast Asia. *AMBIO: A Journal of the Human Environment* 17(3): 200-206.
- Pauly, D., J. Moreau and M.L.D. Palomares. 1988. Detritus and energy consumption and conversion efficiency of *Sarotherodon melanotheron* (Cichlidae) in a West African lagoon. *Journal of Applied Ichthyology* 4: 150-153.

1988 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Venema, S., J. Möller-Christensen and D. Pauly (Editors). 1988. *Contributions to tropical fisheries biology: papers by the participants of FAO/DANIDA follow-up training courses*. FAO Fisheries Report No. 389. 519 p.
- Venema, S., J. Möller-Christensen and D. Pauly. 1988. Training in tropical fish stock assessment: a narrative of experience, p. 1-15. *In*: S. Venema, J. Möller-Christensen and D. Pauly (eds). *Contributions to tropical fisheries biology: papers by the participants of FAO/DANIDA follow-up training courses*. FAO Fisheries Report No. 389.
- Yañez-Arancibia, A. and D. Pauly (Editors). 1988. *Proceedings of the IREP/OSLR Workshop on the Recruitment of Coastal Demersal Communities, Campeche, Mexico, 21-25 April 1986*. Supplement to IOC Workshop Rep. No. 44. [Published with editors' names omitted].
- Pauly, D. and J. Ingles. 1988. The relationship between shrimp yields and intertidal vegetation (mangrove) areas, p. 277-283. *In*: A. Yañez-Arancibia and D. Pauly (eds). *Proceedings of the IREP/OSLR Workshop on the Recruitment of Coastal Demersal Communities, Campeche, Mexico, 21-25 April 1986*. Supplement to IOC Workshop Rep. No. 44. [Reprinted as 'The relationship between shrimp yields and intertidal vegetation (mangrove) areas: a reassessment', Chapter 21, p. 311-316, A. Yañez-Arancibia and A.L. Lara-Dominguez (eds) *Mangrove ecosystems in tropical America*. Instituto de Ecología, A.C. Mexico, IUCN/ORMA, Costa Rica, NOAA/NMFS, Silver Spring, MD, YEAR].
- Pauly, D. 1988. Towards appropriate concepts and methodologies for the study of recruitment in tropical demersal communities, p. 3-14. *In*: A. Yañez-Arancibia and D. Pauly (eds). *Proceedings of the IREP/OSLR Workshop on the Recruitment of Coastal Demersal Communities, Campeche, Mexico, 21-25 April 1986*. Supplement to IOC Workshop Rep. No. 44. [Reprinted as Essay no. 10, p. 78-86 *In*: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Navaluna, N.A. and D. Pauly. 1988. Seasonality in the recruitment of Philippine fishes as related to monsoon wind patterns, p. 167-179. *In*: A. Yañez-Arancibia and D. Pauly (eds). *Proceedings of the IREP/OSLR Workshop on the Recruitment of Coastal Demersal Communities, Campeche, Mexico, 21-25 April 1986*. Supplement to IOC Workshop Rep. No. 44.
- Pauly, D. 1988. Fisheries research and the demersal fisheries of Southeast Asia, p. 329-348. *In*: J.A. Gulland (ed.) *Fish Population Dynamics* (2nd edition). Wiley Interscience, Chichester.
- Pauly, D. 1988. Introductory presentation of progress in selected fields: third world fisheries, p. 87-88. *In*: *Year 2000 Challenges for Marine Science Training and Education Worldwide*. UNESCO Reports in Marine Science (52).
- Cruz, A. and D. Pauly. 1988. Training and Education in Marine Science: the view of 130 members of ICLARM's Network of Tropical Fisheries Scientists, p. 109-117. *In*: *Year 2000 Challenges for Marine Science Training and Education Worldwide*. UNESCO Reports in Marine Science (52).
- Hopkins, K.D., M.L. Hopkins and D. Pauly. 1988. A multivariate model of fish growth, applied to tilapia seawater culture in Kuwait, p. 29-39. *In*: R.S.V. Pullin, T. Bhukasawan, K. Tonguthai and J.L. MacLean (eds) *Proceedings of the Second International Symposium on Tilapia in Aquaculture, 16-20 March 1987, Bangkok, Thailand*. ICLARM Conference Proceedings 15.
- Pauly, D., J. Moreau and M. Prein. 1988. Comparison of growth performance of tilapia in open water and aquaculture, p. 469-479. *In*: R.S.V. Pullin, T. Bhukasawan, K. Tonguthai and J.L. MacLean (eds) *Proceedings of the Second International Symposium on Tilapia in Aquaculture, 16-20 March 1987, Bangkok, Thailand*. ICLARM Conference Proceedings 15.
- Pauly, D., A. Yañez-Arancibia and P. Sanchez-Gil. 1988. Taller metodológico de evaluación de recurso pesqueros demersales tropicales. 3a Parte, p. 1- 8 *In*: A. Yañez-Arancibia and P. Sánchez-Gil (eds) *Ecología y Evaluación de Recursos Demersales Marinos (Convenio UNAM-CONACYT Clave: PCCNCNA-050815) Primer Informe*. UNAM/Inst. Cienc. Mar y Limn., Mexico, D.F.
- Yañez-Arancibia, A. and D. Pauly. 1988. El conocimiento científico de los recursos pesqueros tropicales: la UNAM frente a la tendencia mundial. p. 1-19 *In*: A. Yañez-Arancibia and P. Sánchez-Gil (eds) *Ecología y Evaluación de Recursos Demersales Marinos (Convenio UNAM-CONACYT Clave: PCCNCNA-050815) Primer Informe*. UNAM/Instituto de Ciencia del Mar y Limnología, Mexico, D.F.

1988 - OTHER ITEMS

- Pauly, D. 1988. On the etymology of *Tridacna*. *Clamlines Newsletter* (5): 7.
- Gayanilo, F.C. Jr., M. Soriano and D. Pauly. 1988. A draft guide to the Compleat ELEFAN. ICLARM Software 2. International Center for Living Aquatic Resources Management, Manila. [@@ check publication date and authorship]
- Pauly, D. 1988. Some definitions of overfishing relevant to coastal zone management in Southeast Asia. *Tropical Coastal Area Management* 3(1): 14-15.
- Acere, T.O. and D. Pauly. 1988. *Preliminary report: artisanal fisheries resources study*. Project No. 5100.36.47.025, Uganda. UFFRO/ICLARM, 16 p.
- Pauly, D. 1988. Prologo. p. XV-XVI. In: A. Yañez-Arancibia and P. Sánchez-Gil. "Ecología de recursos demersales marinos: fundamentos en costas tropicales", AGT Editorial, Mexico D.F., 228 p.

1987 - ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. and M.L.D. Palomares. 1987. Shrimp consumption by fish in Kuwait waters: a methodology, preliminary results and their implications for management and research. *Kuwait Bulletin of Marine Science* (9): 101-125.
- Silvestre, G.T. and D. Pauly. 1987. Estimates of yield and economic rent from Philippine demersal stocks (1946-1984) using vessel horsepower as an index of fishing effort. *University of the Philippines in the Visayas Fisheries Journal* 1(2)/2(1/2)/3(1/2): 11-24.
- Pauly, D. and M.L.D. Palomares. 1987. Shrimp consumption by fish in Kuwait waters: a methodology, preliminary results and their implications for management and research. p. 101-125. *Kuwait Bulletin of Marine Science* (9): 101-125.
- Silvert, W. and D. Pauly. 1987. On the compatibility of a new expression for gross conversion efficiency with the von Bertalanffy growth equation. *United States Fishery Bulletin* 85(1): 139-140.

1987 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. and G.R. Morgan (Editors). 1987. *Length-based methods in fisheries research*. ICLARM Conference Proceedings 13, 468 p.
- Pauly, D. 1987. A review of the ELEFAN system for analysis of length-frequency data in fish and aquatic invertebrates, p. 7-34. In: D. Pauly and G.R. Morgan (Editors). *Length-based methods in fisheries research*. ICLARM Conference Proceedings 13.
- Morgan, G.R. and D. Pauly. 1987. Analysis of length-frequency data: some available programs and user's instructions, p. 373-462. In: D. Pauly and G.R. Morgan (Editors). *Length-based methods in fisheries research*. ICLARM Conference Proceedings 13.
- Longhurst, A. and D. Pauly. 1987. *Ecology of Tropical Oceans*. Academic Press, San Diego, 407 p.
- Pauly, D. and I. Tsukayama. (Editors) 1987. *The Peruvian anchoveta and its upwelling ecosystem: three decades of change*. ICLARM Studies and Reviews 15, 351 p.
- Pauly, D. and I. Tsukayama. 1987. To the memory of Haydee Santander Bueno, p. xi-xii. In: D. Pauly and I. Tsukayama. (eds) *The Peruvian anchoveta and its upwelling ecosystem: three decades of change*. ICLARM Studies and Reviews 15.
- Pauly, D. and I. Tsukayama. 1987. On the implementation of management-oriented fishery research: the case of the Peruvian anchoveta, p. 1-13. In: D. Pauly and I. Tsukayama. (eds) *The Peruvian anchoveta and its upwelling ecosystem: three decades of change*. ICLARM Studies and Reviews 15.
- Palomares, M.L.D., P. Muck, J. Mendo, E. Chuman, O. Gomez and D. Pauly. 1987. Growth of the Peruvian anchoveta (*Engraulis ringens*), 1953 to 1982, p. 117-141. In: D. Pauly and I. Tsukayama. (eds) *The Peruvian anchoveta and its upwelling ecosystem: three decades of change*. ICLARM Studies and Reviews 15.
- Pauly, D., M.L.D. Palomares and F.C. Gayanilo. 1987. VPA estimates of the monthly population length composition, recruitment, mortality, biomass and related statistics of Peruvian anchoveta, 1953 to 1981, p. 142-166. In: D. Pauly and I. Tsukayama. (eds). *The Peruvian anchoveta and its upwelling ecosystem: three decades of change*. ICLARM Studies and Reviews 15.
- Pauly, D. and M. Soriano. 1987. Monthly spawning stock and egg production of Peruvian anchoveta (*Engraulis ringens*), p. 167-178. In: D. Pauly and I. Tsukayama. (eds). *The Peruvian anchoveta and its upwelling ecosystem: three decades of change*. ICLARM Studies and Reviews 15.
- Muck, P. and D. Pauly. 1987. Monthly anchoveta consumption of guano birds, 1953 to 1982, p. 219-233. In: D. Pauly and I. Tsukayama. (eds). *The Peruvian anchoveta and its upwelling ecosystem: three decades of change*. ICLARM Studies and Reviews 15.
- Pauly, D., A.C. de Vildoso, J. Mejia, M. Samamé and M.L.D. Palomares. 1987. Population dynamics and estimated anchoveta consumption of bonito (*Sarda chiliensis*) off Peru, 1953 to 1982, p. 248-267. In: D. Pauly and I. Tsukayama. (eds) *The Peruvian anchoveta and its upwelling ecosystem: three decades of change*. ICLARM Studies and Reviews 15.
- Pauly, D. 1987. Managing the Peruvian upwelling ecosystem: a synthesis, p. 325-342. In: D. Pauly and I. Tsukayama. (eds). *The Peruvian anchoveta and its upwelling ecosystem: three decades of change*. ICLARM Studies and Reviews 15.
- Brey, T., M. Soriano and D. Pauly. 1987. *Electronic length frequency analysis: a revised and expanded user's guide to ELEFAN 0, 1 and 2 (2nd edition)*. Berichte aus dem Institut für Meereskunde an der Universität Kiel No. 177, 31 p.
- Dalzell, P., P. Corpuz, R. Ganaden and D. Pauly. 1987. *Estimation of maximum sustainable yield and maximum economic rent from the Philippine small pelagic fisheries*. Bureau of Fisheries and Aquatic Resources Tech. Pap. Ser. X (3), 23 p.
- Pauly, D. 1987. Theory and practice of overfishing: A Southeast Asian perspective, p. 146-163. In: *Proceedings of the 22nd Session of the Indo-Pacific Fisheries Commission, Darwin, Australia, 16-26 February 1987*. RAPA. Bangkok. [Reprinted as Essay no. 11, p. 89-103 In: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Pauly, D. 1987. Application of information on age and growth to fishery management, p. 495-506. In: R.C. Summerfelt and G.E. Hall. (eds) *The Age*

and Growth of Fish. The Iowa University Press, Ames.

Silvestre, G.T., R. Federizon, J. Munoz and D. Pauly. 1987. Overexploitation of the demersal resources of Manila Bay and adjacent areas, p. 269-287. *In: Proceedings of the 22nd Session of Indo-Pacific Fisheries Commission, Darwin, Australia, 6-26 February 1987*, RAPA. Bangkok.

1987 - OTHER ITEMS

- Pauly, D. 1987. Putting Mexico on the map: review of three books by A. Yañez-Arancibia. *Naga, the ICLARM Quarterly* 11(1): 10-11. [Reprinted as part of Essay no. 27, on p. 200-202 *In: D. Pauly. 1994. On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Pauly, D. 1987. On using other people's data. *Naga, the ICLARM Quarterly* 11(1): 6-7. [Reprinted as Essay no. 19, p. 145-150 *In: D. Pauly. 1994. On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Pauly, D. 1987. Tropical fishery biology comes of age: review of four contributions to tropical fisheries science. *Naga, the ICLARM Quarterly* 10(4):19. [Reprinted as part of Essay no. 27, on p. 198-200 *In: D. Pauly. 1994. On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London].
- Pauly, D. 1987. On reason, mythologies and natural resource conservation. *Naga, the ICLARM Quarterly* 10(4): 11-12. [Reprinted as Essay no. 14, p. 118-122 *In: D. Pauly. 1994. On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Pauly, D. 1987. On microcomputers vs. thinking and their respective roles in fisheries research in developing countries. *Naga, the ICLARM Quarterly* 10(2): 3-4. [Reprinted as Essay no. 21, p. 154-158 *In: D. Pauly. 1994. On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Palomares, M.L.D. and D. Pauly. 1987. *User's manual for the fish population dynamics plug-in module for HP41CV calculators*. ICLARM Software No. 1, 5 p.
- Pauly, D. 1987. SCIMATE as a tool for professionals. Presented at the Advanced Technology for Information Management/Seventh Summer Institute on Information Science, University of the Philippines, Diliman, Quezon City 2-6 May 1988, 3 p.
- Tandog-Edralin, D.D., E.C. Cortes-Zaragoza, P. Dalzell and D. Pauly. 1987. Some aspects of the biology and population dynamics of skipjack (*Katsuwonus pelamis*) in Philippine waters, p. 100-111. *In: Report of the Second Meeting of the Tuna Research Groups in the Southeast Asian Region, Manila, Philippines, 25-28 August 1987*. Indo-Pacific Tuna Development and Management Programme IPTP/87/GEN/12 Colombo.
- Cortes-Zaragoza, E.C., P. Dalzell and D. Pauly. 1987. Seasonal abundance, morphometrics and hook selectivity of yellowfin (*Thunnus albacares*) off Darigayos Cove, La Union, Philippines, p. 130-135. *In: Report of the Second Meeting of the Tuna Research Groups in the Southeast Asian Region, Manila, Philippines, 25-28 August 1987*. Indo-Pacific Tuna Development and Management Programme IPTP/87/GEN/12 Colombo.

1986 - ITEMS IN PEER-REVIEWED JOURNALS

Pauly, D. 1986. A simple method for estimating the food consumption of fish populations from growth data and food conversion experiments. *United States Fishery Bulletin* 84(4): 827-842.

1986 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Dwiponggo, A., T. Hariati, S. Banon, M.L.D. Palomares and D. Pauly. 1986. *Growth, mortality and recruitment of commercially important fishes and penaeid shrimps in Indonesian waters*. ICLARM Technical Reports 17, 91 p.
- Pauly, D., J. Saeger and G. Silvestre. (Editors). 1986. *Resources management and socioeconomics of Philippine marine fisheries*. University of the Philippines in the Visayas, College of Fisheries, Technical Reports of the Department of Marine Fisheries (10), 217 p.
- Pauly, D. 1986. A brief historical review of living marine resources research in the Philippines, p. 3-18. *In: D. Pauly, J. Saeger and G. Silvestre (eds). Resources management and socioeconomics of Philippine marine fisheries*. University of the Philippines in the Visayas, College of Fisheries, Technical Reports of the Department of Marine Fisheries. No 10. [Reprinted as p. 3-18 *In: Department of Agriculture-Bureau of Fisheries and Aquatic Resources. 2004. In Turbulent Seas: The status of Philippine marine fisheries*. Coastal Resources Management Project, Cebu City, Philippines. 378 p.]
- Silvestre, G.T., R. Regalado and D. Pauly. 1986. Status of Philippine demersal stocks: inference from underutilized data, p. 47-96. *In: D. Pauly, J. Saeger and G. Silvestre (eds). Resources management and socioeconomics of Philippine marine fisheries*. University of the Philippines in the Visayas, College of Fisheries, Technical Reports of the Department of Marine Fisheries No 10.
- Vakily, J.M., M.L.D. Palomares and D. Pauly. 1986. *HP 41CV Calculator Programs for Fish Stock Assessment*. FAO Fisheries Technical Papers. 101, Suppl. 1, Rome, 255 p.
- Aprieto, V.L., J. Saeger and D. Pauly (Editors). 1986. *Selected papers on Philippine marine fisheries resources (1947-1986)*. University of the Philippines in the Visayas, College of Fisheries, Technical Reports of the Department of Marine Fisheries. (9), 436 p.
- Aprieto, V.L., J. Saeger and D. Pauly. 1986. Introduction to selected papers on Philippine marine fishery resources. p. x-xx, *In: V.L. Aprieto, J. Saeger and D. Pauly (eds). Selected papers on Philippine marine fisheries resources (1947-1986)*. University of the Philippines in the Visayas, College of Fisheries, Technical Reports of the Department of Marine Fisheries. No 9.
- Brey, T. and D. Pauly. 1986. *A user's guide to ELEFAN 0, 1 and 2 (revised and expanded version)*. Berichte aus dem Institut für Meereskunde an der Universität Kiel, No. 149, 77 p.
- Pauly, D. 1986. Problems of tropical inshore fisheries: fishery research on tropical soft-bottom communities and the evolution of its conceptual base, p. 29-37. *In: E.M. Borgese and N. Ginsburg (eds) Ocean Yearbook 1986*. University of Chicago Press, Chicago.
- Pauly, D. 1986. Concepts that work: some advances in tropical fisheries research, p. 15-18. *In: J.L. Maclean, L.B. Dizon and L.V. Hosillo (eds) The*

- First Asian Fisheries Forum. Asian Fisheries Society, Manila. [Reprinted as Essay no. 2, p. 8-14 In: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Moreau, J., C. Bambino and D. Pauly. 1986. A comparison of four indices of overall fish growth performance, based on 100 tilapia populations (Fam. Cichlidae), p. 201-206. In: J.L. Maclean, L.B. Dizon and L.V. Hosillo (eds). The First Asian Fisheries Forum. Asian Fisheries Society, Manila.
- Mines, A.N., I.R. Smith and D. Pauly. 1986. An overview of the San Miguel Bay Fisheries, p. 385-388. In: J.L. Maclean, L.B. Dizon and L.V. Hosillo (eds) The First Asian Fisheries Forum. Asian Fisheries Society, Manila.
- Pauly, D. and M.L. Soriano. 1986. Some practical extensions to Beverton and Holt's relative yield-per-recruit model, p. 491-496. In: J.L. Maclean, L.B. Dizon and L.V. Hosillo (eds). The First Asian Fisheries Forum. Asian Fisheries Society, Manila.
- Pauly, D. 1986. A brief review of methods used by the participants at the GFCM Workshop held in Sidi-Fredj on simple analytic methods for stock assessments, 16-18 November 1985. Annex P, p. 152-161 In: D. Charbonnier (ed.) Report of the Fourth Technical Consultation of the General Fisheries Council for the Mediterranean on Stock Assessment in the Balearic and Gulf of Lions Statistical Divisions. FAO Fisheries Report (374), FAO, Rome, FAO Fisheries Report No. 347. [Version française « Révision brève des méthodes utilisées par les participants à l'atelier CGPM de Sidi-Fredj sur les méthodes analytiques simples en évaluation des ressources, 16-18 novembre 1985 », p. 145-151]

1986 - OTHER ITEMS

- Pauly, D. 1986. On improving operation and use of the ELEFAN programs, Part IV: Conclusion. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 4(3): 14.
- Pauly, D. 1986. ICLARM and coastal resources management. *Tropical Coastal Area Management* 1(1): 7.
- Pauly, D. 1986. On improving operation and use of the ELEFAN programs. Part III. Correcting length-frequency data for effects of gear selection and/or incomplete recruitment. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 4(9): 11-13.
- Pauly, D. 1986. On identifying fish species rather than assessing fish stocks: a review of two books on the taxonomy of the neritic fishes of the Western Indian Ocean. *Naga, the ICLARM Quarterly* 9(3): 21.
- Caverivière, A. 1986. Bigger net mesh size will mean bigger catches in the Ivory Coast trawl fishery. (Translated from French and edited by D. Pauly). *Naga, the ICLARM Quarterly* 9(3): 19-20.
- Pauly, D. 1986. On improving operation and use of the ELEFAN programs. Part II: Improving the estimation of L_{∞} . *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 4(1): 18-20.
- Pauly, D. 1986. Review of two Indian Texts for Fishery Scientists. *Naga, the ICLARM Quarterly* 9(2): 24.
- Pauly, D. 1986. Fisheries Scientists Must Write. *Naga, the ICLARM Quarterly* 9(2): 8-9. [Reprinted as Essay no. 18, p. 140-144 In: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Pauly, D. and C.P. Mathews. 1986. Kuwait's finfish catch three times more than its trawlers. *Naga, the ICLARM Quarterly* 9(1): 11-12.
- Pauly, D. 1986. Review of: R.M. May (ed.) *Exploitation of Marine Communities*, Dahlem Konferenzen. *Berichte der Deutschen wissenschaftlichen Kommission für Meeresforschung* 31(1): 90.
- Pauly, D., N. David and J. Hertel-Wulff. 1986. *Fishery statistics on the microcomputer: A BASIC version of Hasselblad's NORMSEP program*. Bay of Bengal Program. BOBP / MAG/3, Colombo, 12 p.

1985 - ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. 1985. The population dynamics of short-lived species, with emphasis on squids. *NAFO Scientific Council Studies* (9): 143-154.
- Pauly, D. and G. R. Morgan. 1985. On using length-composition data in fishery research. *Marine Policy* 9(4): 339-340.
- Smith, I.R. and D. Pauly. 1985. Review of D. Stevenson, R. Pollnac and P. Logan *A guide for the small-scale fishery administration from the harvest sector*. *Marine Resource Economics* 1(3): 313-319.
- Pauly, D. 1985. Review of Mundy, P.R., T.J. Quinn and R.B. Deriso *Fisheries Dynamics: harvest management and sampling methods*. Sea Grant Tech. Rep., Univ. of Washington, Seattle, USA, 60 p. *Berichte der Deutschen wissenschaftlichen Kommission für Meeresforschung* 30(4): 323-324.

1985 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. 1985. *Zur Fischereibiologie tropischer Nutztiere: eine Bestandsaufnahme von Konzepten und Methoden*. Berichte aus dem Institut für Meereskunde an der Universität Kiel No. 147, 155 p. [Published version of 1984 Habilitation]
- Pauly, D. and J. Caddy. 1985. *A modification of Bhattacharya's method for the separation of normal distributions*. FAO Fisheries Circular No. 781, 16 p.
- Pauly, D. 1985. A methodology for studying the recruitment into Kuwait's shrimp stocks, p. 32-44. In: C.P. Mathews (ed.) *Proceedings of the 1984 Shrimp and Fin Fisheries Management Workshop*. Kuwait Institute of Scientific Research, Kuwait.
- Pauly, D. and R.A. Neal. 1985. Shrimp vs. Fish in Southeast Asian Fisheries: the biological, technological and social problems, p. 487-510. In: A. Yañez-Arancibia (ed.). *Recursos Pesqueros Potenciales de Mexico: la Pesca Acompañante del Camarón*. Progr. Univ. de Alimentos/Instituto de Ciencia del Mar y Limnología/Instituto Nacional de Pesca/UNAM, Mexico, D.F.

1985 - OTHER ITEMS

- Pauly, D. 1985. On improving operation and use of the ELEFAN programs. Part I: avoiding "drift" of K toward low values. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 3(3): 13-14.

- Pauly, D. 1985. Artisanal fishing and environmental conservation in Southeast Asian seas. *Wallaceana*, September 1985: 3-5. [Reprinted as Essay no. 15, p. 123-127 In: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Pauly, D. 1985. Fisheries Science: The view from Lowestoft. Reviews of three books by D.H. Cushing. *Journal of Applied Ichthyology* 1(2): 93-96. [Reprinted as part of Essay no. 27, on p. 195-198 In: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Pauly, D. 1985. The ICLARM/KISR Conference on the "Theory and Application of Length-Based Stock Assessment". *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 3(1): 5-12.
- Pauly, D. 1985. Consultant's report: *Ecological Modelling and the Integration of Fishery Research by KISR/MFD*. Report to the Kuwait Institute for Scientific Research/Mariculture and Fisheries Department. ICLARM, 11 p. + Appendices.
- Fox, P., I.R. Smith, E.M. Escover and D. Pauly. 1985. *Project plan for the fish stock assessment/pilot fishery management component of the rainfed resources development project*. Consultancy Report for USAID, Manila, 120 p.

1984 - ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. 1984. A mechanism for the juvenile-to-adult transition in fishes. *Journal du Conseil international pour l'Exploration de la Mer* 41: 280-284. [Reprinted as Essay no. 8, p. 67-73 In: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Pauly, D. 1984. Reply to comments on "Pre-recruit mortality in Gulf of Thailand shrimp stocks". *Transactions of the American Fisheries Society* 113: 404-406.
- Pauly, D. and H. Calumpong. 1984. Growth and mortality of the sea-hare *Dolabella auricularia* (Gastropoda: Aplysiidae) in the Central Visayas, Philippines. *Marine Biology* 79: 289-293.

1984 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. 1984. *Fish Population Dynamics in Tropical Waters: a manual for use with programmable calculators*. ICLARM Studies and Reviews 8. 325 p.
- Rijavec, L., S.C. Venema and D. Pauly (Editors). 1984. *Fisheries Research Planning for the Sea Fisheries Survey and Research Unit of the People's Pearl and Fishery Corporation*. F.I.D.P./BUR/77/003. FAO Field Document No. 8, 52 p.
- Pauly, D. 1984. Priorities for research on the marine resources of Burma by the Sea Fisheries Research Unit (SFRU) of the People's Pearl and Fishery Corporation (PPFC), p. 27-52. In: L. Rijavec, S.C. Venema and D. Pauly (eds). FAO Field Document No. 8.
- Pauly, D. and Sann Aung. 1984. *Population dynamics of some marine fishes of Burma based on length-frequency data*. BUR/77/003/FAO Field Document No. 7, FAO, Rome, 22 p.
- Pauly, D. 1984. *Methods for assessing the marine stocks of Burma, with emphasis on the demersal species*. BUR/77/003. FAO Field Document No 6, Rome, 22 p.
- Ingles, J. and D. Pauly. 1984. *An atlas of the growth, mortality and recruitment of Philippine fishes*. ICLARM Technical Report 13, 127 p.
- Pauly, D., Sann Aung, L. Rijavec and Htun Htein. 1984. The marine living resources of Burma: a short review, p. 96-108. In: *Report of the 4th Session of the Standing Committee on Resources Research and Development, of the Indo-Pacific Fishery Commission, Jakarta, 23-29 August 1984*. FAO Fisheries Report 318.
- Pauly, D., J. Ingles and R. Neal. 1984. Application to shrimp stocks of objective methods for the estimation of growth, mortality and recruitment-related parameters from length-frequency data (ELEFAN I and II), p. 220-234. In: J.A. Gulland and B.I. Rothschild (eds) *Penaeid shrimps - their biology and management*. Fishing News Books, Farnham, England.
- Larkin, P.A., C.W. Clark, N. Daan, V. Hongskul, S.A. Levin, G.G. Newman, D. Pauly, G. Radach and H.K. Rosenthal. 1984. Strategies for multispecies management. Group report, p. 287-301. In: R.M. May (ed.) *Exploitation of marine communities*. Dahlem Workshop Reports, Springer Verlag, Berlin.
- Pauly, D. 1984. Recent developments in the methodology available for the assessment of exploited fish stocks of reservoirs, p. 321-326. In: J. M. Kapetzky and T. Petr (eds) *Status of African Reservoir Fisheries*. Committee for Island Fisheries of Africa, Technical Paper 10.

1984 - OTHER ITEMS

- Pauly, D. 1984. Fish stock assessment in the Bay of Bengal region. *Bay of Bengal News (Madras)*, December 1984. (16): 26-27.
- Pauly, D. 1984. An update on the ELEFAN programs. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 2(3): 17-18.
- Pauly, D. 1984. Length-converted catch curves: a powerful tool for fisheries research in the tropics (Part III: Conclusion). *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 2(3): 8-10.
- Pauly, D. and J.L. Munro. 1984. ICLARM's activities in tropical stock assessment 1979 to 1984 and beyond. *ICLARM Newsletter* 7(3): 7-9.
- Floyd, J. and D. Pauly. 1984. Smaller size tuna around the Philippines - can fish aggregating devices be blamed? *Infofish Marketing Digest* 5/84: 25-27.
- Pauly, D. 1984. Reply to Dr. L.L. Lovshin's letter on "a method for the analysis of pond growth experiments", *ICLARM Newsletter* 6(1): 10-12. *ICLARM Newsletter* 7(2): 30. [Reprinted in Appendix I, p. 203 In: M. Prein, G. Hulata and D. Pauly (Editors). 1993. *Multivariate methods in aquaculture research: case studies of tilapias in experimental and commercial systems*. ICLARM Studies and Reviews 20, 221 p.
- Pauly, D. 1984. Who cites your publications when you work in the tropics? *ICLARM Newsletter* 7(2): 6-7. [Reprinted as Essay no. 17, p. 134-139 In: D. Pauly. 1994. *On the sex of fish and the gender of scientists: essays in fisheries science*. Chapman & Hall, London]
- Pauly, D. and J.L. Munro. 1984. Once more on growth comparison in fish and invertebrates. *Fishbyte, Newsletter of the Network of Tropical*

Fisheries Scientists 2(1): 21.

- Pauly, D. 1984. Length-converted catch curves: a powerful tool for fisheries research in the tropics (Part II). *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 2(1): 17-19.
- Pauly, D. 1984. The population dynamics of short-lived species, with emphasis on squids. NAFO Res. Doc. 84/IX/106, Serial No 903, 24 p.
- Pauly, D. 1984. Fisheries Science in Tropical Developing Countries: some observations relevant to scientometry. Prepared for the International Workshop to Assess the Coverage of the Scientific Output of the Third World, c/o Michael J. Moravcik, Institute of Theoretical Science, University of Oregon, Eugene, Oregon 97403, USA.
- Pauly, D. 1984. ICLARM's stock assessment activities in the Southeast Asian and Western Pacific region. Presented at the 4th Session of the Standing Committee on Resources Research and Development of the Indo-Pacific Fishery Commission, Jakarta, 23-29 August 1984, Jakarta, IPFC:RRD/84/Inf. 8, 8 p.

1983 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. 1983. *Algunos métodos simples para la evaluación de recursos pesqueros tropicales*. FAO Documento de Pesca 234, 49 p. [With errata sheets]
- Smith, I.R., D. Pauly and A.N. Mines. 1983. *The small-scale fisheries of San Miguel Bay, Philippines: options for management and research*. ICLARM Technical Report 11, 80 p.
- Pauly, D. 1983. *Some simple methods for the assessment of tropical fish stocks*. FAO Fisheries Technical Paper No. 234, 52 p.
- Pauly, D. and N. A. Navaluna. 1983. Monsoon-induced seasonality in the recruitment of Philippine fishes, p. 823-833. In: G.D. Sharp and J. Csirke (eds) *Proceedings of the expert consultation to examine changes in abundance and species composition of neritic fish resources*, San José, Costa Rica, 18-29 April 1983. FAO Fisheries Report No. 291, Vol. 3.
- Pauly, D. and I. Tsukayama. 1983. On the seasonal growth, monthly recruitment and monthly biomass of the Peruvian anchoveta from 1961 to 1979, p. 987-1004. In: G.D. Sharp and J. Csirke (eds) *Proceedings of the expert consultation to examine changes in abundance and species composition of neritic fish resources*. San José, Costa Rica, 18-29 April 1983, FAO Fisheries Report No. 291, Vol. 3.
- Pauly, D. 1983. Studying recruitment variability in tropical fishes: a brief review of the available methodology, p. 9-10, Annex IV. In: *Summary Report of the Workshop on the IREP Component of the OSLR program*, Halifax, Nova Scotia, 26-30 September 1983. IOC/UNESCO Workshop Report No. 33.
- Pauly, D. and I.R. Smith. 1983. The research process and communication of results: lessons learned from a multi-disciplinary analysis of a tropical small-scale fishery, p. 37-55. In: *Report of the ACMRR Working Party on the Management of Living Resources in Near-shore Tropical Waters*, Rome, 28 February- 4 March 1983. FAO Fisheries Technical Report 284.

1983 -OTHER ITEMS

- Smith, I.R. and D. Pauly. 1983. Small-scale fisheries of San Miguel Bay Philippines: Resolving multigear competition in nearshore fisheries. *ICLARM Newsletter* 6(4): 11-18. [Tagalog version *ICLARM Translations* 6, 1985; also available in the Bikol language].
- Pauly, D. 1983. The IREP Workshop. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 1(2): 17.
- Pauly, D. 1983. Length-converted catch curves: a powerful tool for fisheries research in the tropics (Part I). *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 1(2): 9-13.
- Pauly, D. and K.D. Hopkins. 1983. A method for the analysis of pond growth experiments. *ICLARM Newsletter* 6(1): 10-12. [Reprinted in Appendix I, p. 199-201 In: M. Prein, G. Hulata and D. Pauly (Editors). 1993. *Multivariate methods in aquaculture research: case studies of tilapias in experimental and commercial systems*. ICLARM Studies and Reviews 20, 221 p.]
- Munro, J.L. and D. Pauly. 1983. A simple method for comparing the growth of fishes and invertebrates. *Fishbyte, Newsletter of the Network of Tropical Fisheries Scientists* 1(1): 5-6.
- Pauly, D. 1983. Report on the first half of the consultancy in fish population dynamics to the UNDP/FAO Marine Fisheries Resources Survey and Exploratory Fishing Project (BUR/77/003) in Burma, 37 p.
- Peters, H.M. 1983. Fecundity, egg weight and oocyte development in tilapias (Cichlidae, Teleostei). Translated from German and edited by D. Pauly. *ICLARM Translation* 2, 28 p.

1982 - ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. 1982. Further evidence for a limiting effect of gill size on the growth of fish: the case of the Philippine goby (*Mistichthys luzonensis*). *Kalikasan-Philippines Journal of Biology* 11(2-3): 379-383.
- Hopkins, K., D. Pauly, E.M. Cruz and J.H. van Weerd. 1982. Recruitment control: an alternative to predator-prey ratios. *Berichte der Deutschen wissenschaftlichen Kommission für Meeresforschung* 29(3): 125-135.
- Pauly, D. 1982. The ICLARM/CSIRO Workshop on the theory and management of tropical multispecies stocks. *Marine Policy* 6(1): 72-74.
- Bakun, A., J. Beyer, D. Pauly, J.G. Pope and G.D. Sharp. 1982. Ocean Science in Relation to Living Resources. *Canadian Journal of Fisheries and Aquatic Science* 39(7): 1059-1070.
- Pauly, D. 1982. A method to estimate the stock-recruitment relationships of shrimps. *Transactions of the American Fisheries Society* 111(1): 13-20.

1982 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. and A.N. Mines (Editors). 1982. *Small-scale fisheries of San Miguel Bay Philippines: biology and stock assessment*. ICLARM Technical

Report 7. 124 p.

- Mines, A.N., D. Pauly, N. Navaluna and M. Vakily. 1982. The physical environment, p. 5-14. *In: D. Pauly and A.N. Mines (eds). Small-scale fisheries of San Miguel Bay Philippines: biology and stock assessment.* ICLARM Technical Report 7.
- Pauly, D. 1982. The fishes and their ecology, p. 15-33. *In: D. Pauly and A.N. Mines (eds). Small-scale fisheries of San Miguel Bay Philippines: biology and stock assessment.* ICLARM Technical Report 7. [Reprinted 1985 as: Ecology of coastal and estuarine fishes in Southeast Asia: a Philippine case study, p. 499-514. *In: A. Yañez-Arancibia (ed.) Fish Community Ecology in Estuaries and Coastal Lagoons.* Universidad Nacional Autónoma de Mexico, Mexico, D.F.
- Pauly, D., A.N. Mines and N. Navaluna. 1982. Catch and effort of the small-scale fisheries, p. 56-64. *In: D. Pauly and A.N. Mines (eds). Small-scale fisheries of San Miguel Bay Philippines: biology and stock assessment.* ICLARM Technical Report 7.
- Pauly, D. 1982. History and present status of the fisheries, p. 95-124. *In: D. Pauly and A.N. Mines (eds). Small-scale fisheries of San Miguel Bay Philippines: biology and stock assessment.* ICLARM Technical Report 7.
- Pauly, D. and G.I. Murphy (Editors). 1982. *Theory and Management of Tropical Fisheries.* ICLARM Conference Proceedings 9, 360 p.
- Pauly, D. 1982. Studying single-species dynamics in a multi-species context, p. 33-70. *In: D. Pauly and G.I. Murphy (eds). Theory and Management of Tropical Fisheries.* ICLARM Conference Proceedings 9.
- Pauly, D. 1982. Une sélection de méthodes simples pour l'estimation des stocks de poissons tropicaux. *FAO Circulaire sur les pêches* (729), 63 p.
- Pauly, D. and J.L. Munro. 1982. On the development and dissemination of new methodologies for tropical stock assessment, p. 79-87 (Annex 3). *In: Indo-Pacific Fishery Commission. Report of the Third Session of the Standing Committee on Resources Research and Development,* Sydney, Australia, 28 April to 4 May 1982. *FAO Fisheries Report* (275).

1982 - OTHER ITEMS

- Skud, B. and D. Pauly. 1982. Inter- and intraspecific recruitment control. *American Institute of Fisheries Biologists Briefs* 11(6): 2.
- Pauly, D. 1982. Review of *Fisheries Management* (R.T. Lackey and N.A. Nielsen, eds) and *Resources Management and Environmental Uncertainty* (M.H. Glantz and J.D. Thompson, eds.). *Berichte der Deutschen wissenschaftlichen Kommission für Meeresforschung* 29(4): 279-281. [Reprinted as part of Essay no. 27, on p. 193-195 *In: D. Pauly. 1994. On the sex of fish and the gender of scientists: essays in fisheries science.* Chapman & Hall, London]
- Venema, S. and D. Pauly. 1982. Training courses in fish stock assessment: the past and the future. *ICLARM Newsletter* 5(4): 13-14.
- Munro, J.L. and D. Pauly. 1982. The ICLARM Network of Tropical Fisheries Scientists. *ICLARM Newsletter* 5(4): 5.
- Pauly, D. 1982. Reprints as a neglected resource. *ICLARM Newsletter* 5(2): 18-19. [Reprinted as Essay no. 16, p. 131-133 *In: D. Pauly. 1994. On the sex of fish and the gender of scientists: essays in fisheries science.* Chapman & Hall, London]
- Pauly, D. 1982. Notes on tropical multispecies fisheries, with a short bibliography on the food and feeding habits of tropical fish, p. 30-35 and 92-98. *In: Report of the regional training course on fisheries stock assessment, Samutprakarn, Thailand, @1 Sept. - 9 Oct. 1981, Part II, Vol. 1. SCS/GEN/82/41 South China Sea Fisheries Development and Coordinating Program, Manila. 238 p.*
- Smith, I.R. and D. Pauly. 1982. Simple methods for the multidisciplinary investigation of tropical multispecies, multi-gear fisheries. MS, 45 p. Abstract (p. 23). *In: M.W.R.N. De Sylva and N. Marshall (eds) Proceedings of the Sea Grant Seminar on Coastal Living Resources in Malaysia, 25-28 May 1982.* University Pertanian Malaysia, University of Rhode Island and Sea Grant Program.

1981 - ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. and N. David. 1981. ELEFAN I, a BASIC program for the objective extraction of growth parameters from length-frequency data. *Berichte der Deutschen wissenschaftlichen Kommission für Meeresforschung* 28(4): 205-211.
- Pauly, D. 1981. The relationships between gill surface area and growth performance in fish: a generalization of von Bertalanffy's theory of growth. *Berichte der Deutschen wissenschaftlichen Kommission für Meeresforschung* 28(4): 251-282.

1981 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. and J. Ingles. 1981. Aspects of the growth and mortality of exploited coral reef fishes, p. 89-98 *In: E. Gomez, C.E. Birkeland, R.W. Buddemeier, R.E. Johannes, J.A. Marsh and R.T. Tsuda (eds). Proceedings of the Fourth International Coral Reef Symposium, Manila, Philippines, Vol. 1.*

1981 - OTHER ITEMS

- Pauly, D. 1981. Review of S. Saila and P. Roedel (eds) Stock assessment for tropical small-scale fisheries. *ICLARM Newsletter* 4(3): 14. [Reprinted as part of Essay no. 27, on p. 192-193 *In: D. Pauly. 1994. On the sex of fish and the gender of scientists: essays in fisheries science.* Chapman & Hall, London]
- Pauly, D. 1981. Fish Stock Assessment in Coral Reefs: notes on the state of the art. *ICLARM Newsletter* 4(3): 19.
- Pauly, D. 1981. Tropical stock assessment packages for programmable calculators and microcomputers. *ICLARM Newsletter* 4(3): 10-13
- Pauly, D. 1981. Reviews of *Commercial Fishes of the Philippines* by Norbert and Anke Rau and *Philippine Shore Fishes of the Western Sulu Sea* by Robert Schroeder. *ICLARM Newsletter* 4(1): 15. [Reprinted as part of Essay no. 27, on p. 190-192 *In: D. Pauly. 1994. On the sex of fish and the gender of scientists: essays in fisheries science.* Chapman & Hall, London]
- Pauly, D. 1981. Consultant Report (25 November-12 December 1981) Programa Cooperativo Peruano-Alemán de Investigación Pesquera. Instituto del Mar del Peru. Callao, Peru, 22 p.

- Pauly, D. 1981. Stock assessment packages for programmable calculators and microcomputers: two examples, with a discussion of their potential usefulness in developing countries. International Council for the Exploration of the Sea. Council Meeting 1981/D: 2, Statistics Committee, 19 p.
- Pauly, D. 1981. The nature, investigation and management of tropical multispecies fisheries. Regional Training Courses on Fishery Statistics, Samutprakarn, Thailand, 1 Sept. to 9 Oct. 1981. Regional Training Courses on Fisheries Statistics AFS/81/LO/7, 36 p.
- Pauly, D. and S. Wade-Pauly. 1981. *An annotated bibliography of slipmouths (Pisces: Leiognathidae)*. ICLARM Bibliographies 2, 62 p.
- Pauly, D. and M.L.D. Palomares. 1987. Shrimp consumption by fish in Kuwait waters: a methodology, preliminary results and their implications for management and research. p. 101-125. Kuwait Bulletin of Marine Science (9): 101-125.
- Pauly, D. and P. Martosubroto. 1980. The population dynamics of *Nemipterus marginatus* (Cuv. & Val.) off Western Kalimantan, South China Sea. *Journal of Fish Biology* 17: 263-273.
- Pauly, D. 1980. The use of a pseudo catch-curve for the estimation of mortality rates in *Leiognathus splendens* (Pisces: Leiognathidae) in Western Indonesian Waters. *Berichte der Deutschen wissenschaftlichen Kommission für Meeresforschung* 28(1): 56-60.
- Pauly, D. 1980. On the interrelationships between natural mortality, growth parameters and mean environmental temperature in 175 fish stocks. *Journal du Conseil international pour l'Exploration de la Mer* 39(3): 175-192.

1980 - ITEMS IN PEER-REVIEWED JOURNALS

- Pauly, D. and P. Martosubroto. 1980. The population dynamics of *Nemipterus marginatus* (Cuv. & Val.) off Western Kalimantan, South China Sea. *Journal of Fish Biology* 17: 263-273.
- Pauly, D. 1980. The use of a pseudo catch-curve for the estimation of mortality rates in *Leiognathus splendens* (Pisces: Leiognathidae) in Western Indonesian Waters. *Berichte der Deutschen wissenschaftlichen Kommission für Meeresforschung* 28(1): 56-60.
- Pauly, D. 1980. On the interrelationships between natural mortality, growth parameters and mean environmental temperature in 175 fish stocks. *Journal du Conseil international pour l'Exploration de la Mer* 39(3): 175-192.

1980 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. 1980. *A selection of simple methods for the assessment of tropical fish stocks*. FAO Fisheries Circular No. 729, 54 p. [Also, in French].
- Pauly, D. 1980. A new methodology for rapidly acquiring basic information on tropical fish stocks: growth, mortality and stock-recruitment relationships, p. 154-172. In: S.B. Saila and P.M. Roedel (eds) *Stock Assessment for Tropical Small-Scale Fisheries Workshop*, Sept. 19-21, 1979, University of Rhode Island. International Center for Marine Resources Development, Kingston.

1980 - OTHER ITEMS

- Pauly, D. and N. David. 1980. An objective method for determining growth from length-frequency data. *ICLARM Newsletter* 3(3): 13-15.
- Pauly, D. 1980. Reply to Dr. Barry Goldman's letter on "Biological Overfishing of Tropical Stocks", *ICLARM Newsletter* 3(2): 22.
- Pauly, D. 1980. ICLARM's Resource Development and Management Program: The Tropical Stock Assessment Research Project. *ICLARM Newsletter* 3(1): 3-4.
- Pauly, D. and N. David. 1980. A BASIC program for the objective extraction of growth parameters from length-frequency data. International Council for the Exploration of the Sea. Council Meeting 1980/D: 7 Statistics Committee, 14 p.
- Gaschütz, G., D. Pauly and N. David. 1980. A versatile BASIC program for fitting weight and seasonally oscillating length growth data. International Council for the Exploration of the Sea. Council Meeting 1980/D: 6 Statistics Committee, 14 p.

1979 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

- Pauly, D. 1979. *Theory and Management of Tropical Multispecies Stocks: A Review, with Emphasis on the Southeast Asian Demersal Fisheries*. ICLARM Studies and Reviews 1, 35 p.
- Pauly, D. 1979. *Gill size and temperature as governing factors in fish growth: a generalization of von Bertalanffy's growth formula*. Berichte aus dem Institut für Meereskunde an der Universität Kiel. No. 63, xv + 156 p. [Doctoral thesis; <https://oceanrep.geomar.de/41323/>]

1979 - OTHER ITEMS

- Pauly, D. 1979. Biological overfishing of tropical stocks. *ICLARM Newsletter* 2(3): 3-4.
- Pauly, D. 1979. An attempt to estimate the stock recruitment relationships of Gulf of Thailand penaeid shrimps, Presented at the 2nd Session of the Standing Committee on Resources Research and Development, Indo-Pacific Fishery Commission, Hong Kong, 3-8 December 1979. IPFC:RRD/11/79/10, 16 p.
- Pauly, D. and G. Gaschütz. 1979. A simple method for fitting oscillating length growth data, with a program for pocket calculators. International Council for the Exploration of the Sea. Council Meeting 1979/G: 24. Demersal Fish Committee, 26 p.

1978 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

Pauly, D. 1978. *A preliminary compilation of fish length growth parameters*. Berichte aus dem Institut für Meereskunde an der Universität Kiel, No. 55, 200 p.

1978 - OTHER ITEMS

Pauly, D. 1978. Management of Multispecies Stocks: a review of the theory. *ICLARM Newsletter* 1(2): 3.

Pauly, D. 1978. A critique of some literature data on the growth reproduction and mortality of the lamnid shark *Cetorhinus maximus* (Gunnerus). International Council for the Exploration of the Sea. Council Meeting 1978/H: 17 Pelagic Fish Committee, 10 p.

Pauly, D. 1978. A discussion of the potential use in fish population dynamics of the interrelationships between mortality, growth parameters and mean environmental temperature in 122 fish stocks. International Council for the Exploration of the Sea. Council Meeting 1978/G: 21. Demersal Fish Committee, 36 p.

Pauly, D. 1978. A note on Ursin's formulae for the estimation of natural mortality in fish stocks. Unpublished manuscript. [Published in 2018]

1977 - OTHER ITEMS

Pauly, D. 1977. The Leiognathidae (Teleostei): their species, stocks and fisheries in Indonesia, with notes on the biology of *Leiognathus splendens* (Cuvier). *Marine Research in Indonesia* No. 19: 73-93.

Pauly, D. 1977. The Leiognathidae (Teleostei): A hypothesis relating their mean depth occurrence to the intensity of their counter-shading bioluminescence. *Marine Research in Indonesia*, No. 19: 137-146.

1976 - ITEMS IN PEER-REVIEWED JOURNALS

Pauly, D. 1976. The biology, fishery and potential for aquaculture of *Tilapia melanotheron* in a small West African lagoon. *Aquaculture* 7(1): 33-49.

1976 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

Martosubroto, P. and D. Pauly. 1976. *R/V Mutiara IV Survey data. November 1974 to July 1976*. Contribution of the Demersal Fisheries Project No. 2. Marine Fisheries Research Institute, Jakarta, 136 p.

Saeger, J., P. Martosubroto and D. Pauly. 1976. *First Report of the Indonesian-German Demersal Fisheries Project/Results of a trawling survey in the Sunda Shelf Area*. Contributions of the Demersal Fisheries Project No. 1: 3-46. Marine Fisheries Research Institute, Jakarta.

Sujastani, T., P. Martosubroto and D. Pauly. 1976. A review of the demersal fishery of Indonesia in the Malacca Strait, based on recent surveys and catch and effort data. p. 23-47. *In: Report of the Workshop on the fishery resources of the Malacca Strait, Part 1*. SCS/GEN/76/2, South China Sea Fishery Development and Coordinating Programme, Manila, 85 p.

1976 - OTHER ITEMS

Pauly, D. 1976. The Leiognathidae (teleosts): their stocks and fishery in Indonesia, with notes on the biology of *Leiognathus splendens*, p. 17 (Abstract) *In: Ecology and Management of Some Tropical Shallow Water Communities*. Indonesian Institute of Science, Jakarta.

1975 - ITEMS IN PEER-REVIEWED JOURNALS

Pauly, D. 1975. On the ecology of a small West African lagoon. *Berichte des Deutschen wissenschaftlichen Kommission für Meeresforschung* 24(1): 46-62.

1975 - OTHER ITEMS

Pauly, D. 1975. Investigations in Sakumo Lagoon. *In: Fishery Research Unit. Tema, Ghana. Report for the Biennium 1973-1974. Appendix 2*, 3 p.

1974 - ITEMS IN PEER-REVIEWED JOURNALS

Pauly, D. 1974. On some features of the infestation of the mouth-brooding fish *Tilapia melanotheron* Rüppel, 1852 by the parasitic copepod *Paenodes lagunaris* van Banning 1974. *Beaufortia* 22(287): 9-15.

1974 - BOOKS/REPORTS AND/OR CHAPTERS THEREIN

Pauly, D. 1974. [Report on the U.S. Catfish Industry: Development, Research, Production Units, Marketing and Associated Industries], p. 154-167. *In: K. Tiewes (ed.) Neue Erkenntnisse auf dem Gebiet der Aquakultur*. Arbeiten des Deutschen Fischereiverbandes, Heft 16. [In German].

1973 - ITEMS IN PEER-REVIEWED JOURNALS

Pauly, D. 1973. [A device for presorting benthos samples]. *Berichte der Deutschen wissenschaftlichen Kommission für Meeresforschung* 22(4): 458-

460 [in German with English abstract; full text translation added].

1973 - OTHER ITEMS

Pauly, D. 1973. [Investigations on the ecology and fishery of a small West African Lagoon]. MSc. Thesis, Kiel University, 89 p. ['Diplomarbeit'; in German, with English summary].