

Publications by Daniel Pauly

(November 1973 – March 2025)

2025 - ITEMS IN PEER-REVIEWED JOURNALS

- 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]
- Le Manach, F., M. Khalfallah, T. Alves da Costa, C. Nouvian and D. Pauly. Untangling Fishing Nets: Assessing perceptions of the negative impacts of fishing gears in the European Union. *Ocean and Coastal Management* [to be submitted]
- 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]
- Akwetey, M.A., E. Lamptey, S. Abrokwhah, 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. *Wetlands* [in review]
- Pauly, D., Nauen, C., Le Manach, F., Palomares, M.L.D., Sumaila, U.R. and Lopez-Ahedo, I. 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 21 <https://doi.org/10.5281/zenodo.15833918>
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- 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. *Communications Earth & Environment*, 6(1), 1-15. <https://doi.org/10.1038/s43247-025-02218-z>
- 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
- Audzijonyte, A., Andersen, K.A., Atkinson, D., Bigman, J., Blanchard, J.L., Coghlan, A.R., Lindmark, M., Morrongiello, J.R. and Pauly, D. 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>
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- Teletchea, F. and D. Pauly. 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 Abstract. [where, when]
- McLavery, 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.

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- 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. Skerrett, 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.
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- 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).
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- 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>
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- 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.
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- 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.
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- 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.
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- 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.
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- Palomares, V. Parduchos 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.*
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- 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 (eds). Fishes in Changing Ecosystems. 22nd Annual FishBase Symposium, 2-3 September 2024, Thessaloniki.*
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