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SCIENTIFIC AMERICAN NAMES FISHERIES EXPERT DANIEL PAULY A WORLD LEADER IN RESEARCH

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MAGAZINE'S ANNUAL LIST RECOGNIZES TOP 50 CONTRIBUTIONS TO SCIENCE AND TECHNOLOGY

Scientific American magazine has named UBC professor Daniel Pauly, Director of UBC's Fisheries Centre, one of the "Scientific American 50" -- the noted magazine's annual list recognizing outstanding acts of leadership in science and technology from the past year.

Announced today, this year's Scientific American 50 appear in the magazine's December issue, arriving on newsstands November 25. The complete list may also be accessed on the magazine's website as of November 10 at www.sciam.com.

Daniel Pauly is a world leader and innovator in fisheries science, and a vocal and influential critic of the current fishing practices depleting the earth's fish stocks.

Pauly, 56, has been studying the declining bounty of the seas for more than 25 years. Among his major achievements are two of world's most important fisheries projects. FishBase is a global database packed with information on more than 27,000 species of fish. Its Web site gets more than five million hits a month. Ecopath is an ecosystem-modelling program that predicts how fish populations might respond to various pressures.

Dr Pauly joined UBC's Fisheries Centre as a professor in 1994, after many years at the International Centre for Living Aquatic Resource Management (ICLARM), then in Manila, Philippines.

His research, inspired by field work in the 1970s in West Africa and Indonesia, and mostly conducted at ICLARM, was originally devoted to the development of a methodology for tropical fish stock assessment -- disseminated through courses he taught in four languages in Europe, Africa, Asia and Latin America -- and the comparative study of growth and mortality in fish and invertebrates, both in the wild and in culture.

Since 1999, Pauly has headed a UBC Fisheries Centre project that looks at the impact of fisheries on the world's marine ecosystems. Called The Sea Around Us, it is funded by a \$4-million grant from Philadelphia-based Pew Charitable Trusts.

Among his many honours, Pauly was elected to the Royal Society of Canada in 2003. He was named director of UBC's Fisheries Centre in November 2003.

Pauly was born in Paris in 1946. He received his doctorate in fisheries from the University of Kiel, Germany.

Selected by the magazine's Board of Editors with the help of distinguished outside advisors, the Scientific American 50 highlights a Research Leader of the Year, a Business Leader of the Year and a Policy Leader of the Year. In addition it cites research, business and policy leaders in many technological categories, including Agriculture, Chemicals & Materials, Communications, Computing, Energy, Environment, Medical Treatments and more.

Founded in 1845, editorial contributors to Scientific American have included more than 100 Nobel laureates, among them Albert Einstein, Neils Bohr, Francis Crick, Stanley Prusiner and Harold Varmus.

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