

Dr. Jake Rice



Dr. Jake Rice retired in 2015 after 9 years as Chief Scientist for the Department of Fisheries and Oceans, Canada, and now holds a Scientist Emeritus position with DFO. He previously served as Director of Peer Review and Science Advice (1996-2006) and held senior DFO Science positions in Pacific (1990-1996) and Newfoundland Regions (1982-1990). He co-chaired the Regional Assessment for the Americas of the Intergovernmental Panel on Biodiversity and Ecosystem Services, and is co-Chapter lead for the IPBES Thematic Assessment of Sustainable Use of Wild Species, and coordinating Lead Author of the Oceans and Coasts Chapter of the Global Environment Outlook for the UN Environment Program. He is Vice-Chair of the Fisheries Expert Group of the IUCN, and is Co-Head for the Peer Review College of the Marine Stewardship Council. He was a member of the Group of Experts for the first UN World Ocean Assessment, and was a Lead Author for the chapter on Drivers, Trends and Mitigation, for the IPCC 5th Assessment Report and for the introductory chapter of the IPCC Special Report on Ocean and Cryosphere. He has been active as an expert or delegate to a wide range of UN meetings and agencies (FAO, CBD, DOALOS, GEF, UNEP, UNESCO-IOC, UNGA-ICP & BBNJ etc.), including serving as an invited speaker or panelist at several UN meetings on implementation of the Sustainable Development Goals. He has chaired or participated as an expert in many working groups providing advice to these intergovernmental agencies.

His current research areas include the effects of ecosystem physical and biological conditions on fisheries dynamics and the effects of fisheries on ecosystem structure and function, methods for the integration of the bio-ecological, socio-cultural and economic dimensions in natural resource management, and the science-policy interface in decision-making. He has more than 300 publications in the scientific and technical literature, primarily on the ecosystem approach to integrated marine resource management and the science-policy interface in natural resource management and conservation. He has received lifetime achievement awards from the International Council for Exploration of the Seas, the American Fisheries Society, the US National Oceanographic and Atmospheric Administration, the Queen's Diamond Jubilee Award from the Government of Canada, and 21 awards from Fisheries and Oceans Canada over his career for science achievements, leadership, communication and collaboration.

Academic Degrees and Awards

Ph.D. – University of Toronto 1974 (Zoology – Ornithology)

B.Sc.- Cornell University 1970 (Conservation)