

Panelist Biographies

Tell Me More: What People Really Want to Know About Oceans in a Changing Climate

June 4, 2018, Washington, D.C.

Experts



Dr. Manuel Barange

Director, Fisheries and Aquaculture Policy and Resources Division, FAO

Professor Manuel Barange is Director of the Fisheries and Aquaculture Policy and Resources Division at the Food and Agriculture Organization of the UN. He is an Honorary Professor at the University of Exeter, UK, a past Deputy Chief Executive and Director of Science at the Plymouth Marine Laboratory, UK, and past Chair of the Scientific Committee of the International Council for the Exploration of the Sea (ICES). In recent years he has been very active in leading research on the development of quantitative tools to estimate the impacts of climate change on marine ecosystems, their resources, and their dependent communities, globally, regionally and nationally. He has become an expert in understanding the two-way relationship between environmental and societal change, has published over 120 peer-reviewed papers and has edited several books. In 2010 he was awarded the UNESCO-IOC Roger Revelle Medal for his contributions to ocean science.



Dr. Alistair Hobday

Senior Principal Research Scientist, CSIRO Oceans and Atmosphere

Dr. Alistair Hobday is a Senior Principal Research Scientist with CSIRO Oceans and Atmosphere (Hobart Australia) and an Adjunct Professor at the Centre for Marine Socioecology at the University of Tasmania. His research interests include spatial management and migration of large pelagic species, data-limited fishery assessment methods, development of seasonal forecasting applications, the impacts of climate change, variability and extremes on marine resources, and development and testing of climate adaptation options for marine conservation, fisheries, and aquaculture. He is a past co-chair for the international

IMBER program CLIOTOP (Climate Impacts on Top Ocean Predators) from 2010-2015, and now serves on the Scientific Committees for CLIOTOP and IMBER.



Dr. Lynne Shannon

Senior Researcher, the Marine Research (MA-RE) Institute, University of Cape Town

Dr. Lynne Shannon is a senior researcher at the Marine Research (MA-RE) Institute of the University of Cape Town, undertaking ecological research and modelling in support of the Ecosystem Approach to Fisheries (EAF). She has published ninety papers in peer-reviewed journals. Having a broad appreciation of the dynamics and issues through the food web, she has constructed trophic models of the Benguela region to provide an understanding of structure and functioning and changes in the marine food webs off South Africa and Namibia, with a view to providing a basis for EAF. A particular focus has been examination of the relative and combined effects of fishing and environmental forcing on the ecosystem dynamics of the Benguela, including regime shifts. She is exploring practical ways in which ecosystem considerations might be incorporated into fisheries management in the Benguela, especially the use of ecological indicators. Currently, Dr. Shannon co-chairs an international working group “IndiSeas2” (Indicators for the Seas; www.indiseas.org) and works in the Marine Ecosystem Evolution in a Changing Environment EU project (MEECE), where she further explores frameworks for using ecosystem indicators for EAF, providing information on the anthropogenic and natural drivers of ecosystem change, and integrating this into management.



Hon. Frances A. Ulmer

Chair, US Arctic Research Commission

Frances A. Ulmer is the Chair of the US Arctic Research Commission (USARC), appointed by President Obama in 2011. From 2007 to 2011, Ms. Ulmer served as Chancellor of the University of Alaska Anchorage (UAA), Alaska’s largest public university. Previously, she was a Distinguished Visiting Professor of Public Policy and Director of the Institute of Social and Economic Research at UAA. Ms. Ulmer served as an elected official for 18 years as the mayor of Juneau, a state representative and as Lieutenant Governor of Alaska. She has served on numerous state and federal boards including the National Commission on the BP Deepwater Horizon Oil Spill and Offshore Drilling in 2010, over 10 years on the North Pacific Anadromous Fish Commission, the first Chair of the Alaska Coastal Policy Council, and co chair of the Aspen Institute’s Commission on Arctic Climate Change. Ms. Ulmer has been a fellow at Harvard’s Kennedy School, and is the 2018 Cox Visiting Professor at Stanford.



Dr. Cisco Werner

Chief Scientist, NOAA Fisheries

Dr. Werner is the Director of Scientific Programs and Chief Science Advisor for NOAA Fisheries, a role he took on in June 2017. In this capacity, he leads NOAA Fisheries' efforts to provide the science needed to support sustainable fisheries and ecosystems and to continue our nation's progress in ending overfishing, rebuilding fish populations, saving critical species, and preserving vital habitats. As director, Dr. Werner oversees the planning, development, and management of a multidisciplinary scientific enterprise of basic and applied research. He directs NOAA's six regional Fisheries Science Centers, including 24 labs and field stations, and the Office of Science and Technology. Dr. Werner previously served as the Science and Research Director for NOAA's Southwest Fisheries Science Center from 2011 to 2016. Prior to joining NOAA Fisheries, Dr. Werner was the Director of the Institute of Marine and Coastal Studies at Rutgers University. His research has included the study of the structure and function of marine ecosystems, ocean circulation physics, and the development and implementation of ocean and coastal observing and forecasting systems. He has also researched the development of physical and biological models for marine ecosystems in the Northwest Atlantic, the U.S. South Atlantic Bight, and the North Pacific. Dr. Werner has co-authored more than 90 refereed publications and collaborated with many future colleagues at NOAA on important programs, including the Global Ecosystem Dynamics Program, Comparative Analysis of Marine Ecosystem Organization, Integrated Ocean Observing System, and various projects related to climate change and fisheries. He earned his B.S. and M.S. degrees and a Ph.D. in Oceanography from the University of Washington.

Journalists



Alok Jha

Journalist & Wellcome Fellow

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Alok Jha is a science [journalist](#), [author](#) and [broadcaster](#). He is a [Wellcome](#) fellow, developing new storytelling formats for science. He has worked as science correspondent at [ITV News](#) and [the Guardian](#) and made [programmes for the BBC](#). You can find him on [Twitter](#) and [Facebook](#).



David Malakoff

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[David Malakoff](#) is a Deputy News Editor specializing in coverage of science policy, energy and the environment. A native of Washington D.C., he has spent more than 25 years reporting on how scientists influence government policy, and how government policy shapes science. In addition to reporting for *Science*, he has worked as an editor and correspondent on NPR's Science Desk, for *Conservation Magazine*, and as a freelancer for numerous outlets.



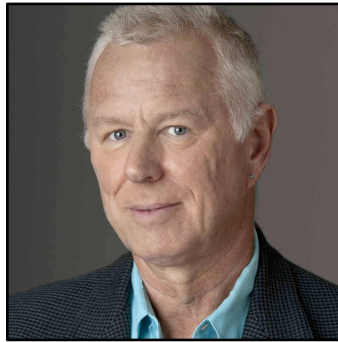
Cornelia Dean

Lecturer, Brown University/Science Writer

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Cornelia Dean is a lecturer at Brown University and a science writer and former science editor of The New York Times. In her editing tenure in the newspaper's science department, members of its staff won every major journalism prize as well as the Lasker Award for public service. She began her newspaper career at the Providence Journal. Her first book, *Against the Tide: The Battle for America's Beaches* was published by Columbia University Press in 1999 and was a N.Y. Times Notable Book of the year. Her guide to researchers on communicating with the public, *Am I Making Myself Clear?* was published in 2009 by Harvard University Press. Her book *Making Sense of Science*, about the misuse of scientific information in public life, was published in 2017 by Harvard University Press. She is at work on a fourth book (working title: *The Fate of the Coast*) about coastal land use in an era of rising seas. In addition to her work at Brown, she has taught

at Harvard, where she was twice honored for distinction in teaching, and at the Columbia University Graduate School of Journalism. She is a fellow of the American Association for the Advancement of Science, a member of the Corporation of Brown University, her alma mater, and was a founding member of the advisory board of the Metcalf Institute for Environment and Marine Reporting. She divides her time between Providence, RI, and the islands of Manhattan and Chappaquiddick.



Christopher Joyce

Correspondent, Science Desk, NPR

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[Christopher Joyce](#) has been a correspondent and editor at NPR for 23 years. For all but two years, he's worked on the science desk, writing and producing stories on all fields of science, with an emphasis on biology, energy, and environmental sciences. His stories can be heard on all of NPR's news programs, including

NPR's "Morning Edition", "All Things Considered", and "Weekend Edition". In addition to his work with the science desk, Chris was the editor and a correspondent for NPR's Radio Expeditions, a documentary program on natural history produced in collaboration with the National Geographic Society. He has also written two popular books on science, "Witnesses from the Grave: The Stories Bones Tell" and "Earthly Goods: Medicine Hunting in the Rainforest," both published by Little Brown. In his free time, Chris sails a 38-foot Ericson called "Ruby Slipper."



Jessica Leber

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Jessica Leber is deputy managing editor of *Oceans Deeply*, an independent digital media project dedicated to covering ocean health. The media company News Deeply launched the site in June 2017. Jessica has covered environmental, science and technology stories for ten years while on staff at publications

including *Fast Company*, *ClimateWire* and *MIT Technology Review*. Her writing has also appeared in the *New York Times*, *Scientific American*, *Audubon Magazine* and other outlets. She is a graduate of Columbia University's Earth and Environmental Science Journalism dual master's degree program.

Moderator



Nancy Baron

Director of Science Outreach, COMPASS

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Nancy Baron is the Director of Science Outreach for COMPASS. Nancy holds workshops around the world for academic, government, and NGO scientists helping them develop core competencies as scientist communicators who want to make their work relevant to journalists, policy makers, and the public. Nancy began her career as a biologist in

Banff National Park, spent 6 years as Director of Education at the Vancouver Aquarium, then morphed into journalism. She has won numerous writing awards including the Canadian Science Writers Science in Society and National Magazine awards. An ardent naturalist, she published a popular field guide, *The Birds of Coastal British Columbia* (Lone Pine Publishing) and a “how to” communications guide book for scientists titled *Escape from the Ivory Tower* (Island Press). Nancy received the 2013 Peter Benchley Ocean Award for Excellence in the Media for her work at the intersection of science and journalism. Through the design and delivery of fellowship programs for scientists, Nancy focuses on [building communities of communications support and collaboration](#). She is an advisor to the [Liber Ero Fellows Science Advisory Committee](#) in Canada.