

Assessing Equity in the Distribution of Fisheries Management Benefits: Data and Information Availability

Committee

Thomas J. Miller

Chair

Thomas J. Miller is a professor of fisheries science and director of the University of Maryland Center for Environmental Science's (UMCES) founding campus, the Chesapeake Biological Laboratory in Solomons, Maryland. He has been a leader in the development of approaches to manage several Chesapeake Bay species, including crabs and menhaden, combining laboratory, field, and modeling approaches to address questions of interest to society. Most recently, his research has focused on both the effects of ocean acidification on blue crab, recruitment issues in menhaden and striped bass, and stakeholder involvement in recreational fisheries. He has been the recipient of the President's Award for the Application of Science at UMCES and received the 2015 University System of Maryland Regents' Faculty Award for Public Service. Miller received a B.Sc. degree from the University of York in England and a Master's in ecology and Ph.D. in zoology from North Carolina State University. He was a post-doctoral fellow at McGill University, in Montreal, Quebec, Canada. Miller is currently a member of the National Academies of Science, Engineering, and Medicine's Ocean Studies Board

Miller serves as a member of the Mid-Atlantic Fishery Management Council's Science and Statistical Committee. Miller also serves as scientific advisor to the Potomac River Fisheries Commission.

Lisa M. Campbell

Member

Lisa M. Campbell is the Rachel Carson Distinguished Professor of Marine Affairs and Policy in the Nicholas School of Environment, Duke University, and based at the Duke University Marine Lab. Campbell studies oceans governance in relation to diverse issues, such as the blue economy, protected species, fisheries, marine spatial planning, marine protected areas, and tourism. She draws on theory from political ecology, political economy, and science and technology studies to examine how science and other values as well as state and non-state actors inform governance processes and outcomes across geographic and socio-political scales. Campbell received a Ph.D. in geography from the University of Cambridge in the United Kingdom. Campbell currently a member of the National Academies of Sciences, Engineering, and Medicine's Ocean Studies Board and the U.S. Committee for the Decade of Ocean Science for Sustainable Development.

Rachel Donkersloot

Member

Rachel Donkersloot manages a social science research and consulting firm in Aniak, Alaska and works in close partnership with university faculty and students, fishing communities, non-profit organizations, Indigenous Tribes, and other organizations across Alaska. Donkersloot's research concentrates on community sustainability, equity, well-being, and marine resource governance in the context of rural and Indigenous fishing communities in the North Pacific. Her work on the 'graying of the fleet' in Alaska fisheries received the National Sea Grant Association Research to Application Award in 2018. She has been invited to present her research to the Alaska State Legislature, North Pacific Fishery Management Council, and the House of Commons Standing Committee on Fisheries and Oceans. Donkersloot currently serves on the North Pacific Fishery Management Council's Local Knowledge, Traditional Knowledge and Subsistence Taskforce. Donkersloot received a Ph.D. in socio-cultural anthropology from the University of British Columbia in Vancouver, Canada.

Kailin Kroetz

Member

Kailin Kroetz is currently an Assistant Professor in the School of Sustainability at Arizona State University. Her research focuses on management and policy decision-making related to natural resource use and includes work to understand tradeoffs arising from multiple objectives and to explore the implications of connectivity within socio-environmental systems. She is currently a University Fellow at Resources for the Future. Kroetz received a B.A. in mathematics and environmental studies from Dartmouth College and a Ph.D. in agricultural and resource economics from the University of California, Davis.

Kroetz serves as a member of the Scientific and Statistical Committee of the North Pacific Fishery Management Council.

Grant Murray

Member

Grant Murray is an Associate Professor of Marine Policy at the Duke University Marine Laboratory. Previously, he was a faculty member and Director of the Institute for Coastal Research at Vancouver Island University in British Columbia, Canada. He is an interdisciplinary marine social scientist with over 25 years of experience working on values, equity, well-being and social impacts in small-scale fisheries, aquaculture, and marine protected areas. Murray has worked with Indigenous and local communities in Canada, with resource-dependent communities in Tanzania, Mexico, and Ghana, and with fishing communities in the United States. He has previously held a Canada Research Chair, a Fulbright Fellowship, and is a member of the IUCN World Commission on Protected Areas. Murray received a B.Sc. in English, Environmental Studies, and Biology from Tufts University, a Masters in Environmental Management from Duke University, and a Ph.D. in Natural Resources and Environment from the University of Michigan, Ann Arbor . He held post-doctoral positions at Memorial University of Newfoundland and Rutgers, the State University of New Jersey.

Matthew Reimer

Member

Matthew Reimer is an Associate Professor in the Department of Agricultural and Resource Economics at the University of California, Davis, and was previously an Associate Professor of Economics at the University of Alaska Anchorage. His research focuses on designing and evaluating public policies, emphasizing policies for managing marine resources. He has published on the contribution of commercial fisheries to local economies, the potential for cross-fishery spillovers from fishery policies, the evaluation of marine reserves, and the impacts of rights-based management policies. His current work includes projects related to climate-resilient fisheries and the distributional impacts of fisheries policies. Reimer received a B.A. with honors in economics from the University of Calgary and a Ph.D. in agricultural and resource economics from the University of California, Davis.

Reimer currently serves as a member of the Science and Statistical Committee (SSC) for the Pacific Fisheries Management Council and has previously served on the SSC for the North Pacific Fisheries Management Council.

James Sanchirico

Member

James N. Sanchirico is a professor of natural resource economics and policy in the Department of Environmental Science and Policy at the University of California, Davis (UC Davis). His main research interests are the economic analysis of policy design, implementation, and evaluation for marine and terrestrial species conservation, and the development of economic-ecological models for forecasting the effects of resource management policies. He received the Rosenstiel Award for Oceanographic Sciences in 2012 and the UC Davis Distinguished Scholarly Public Service Award in 2014. He is currently Co-Editor at the Journal of the Association of Environmental and Resource Economists, and principal investigator on the NSF-funded Sustainable Oceans National Research Training program at UC Davis. Past professional service includes the Lenfest Fishery Ecosystem Task Force, and six years on the National Oceanic and Atmospheric Administration's Science Advisory Board. Sanchirico received a B.A. in economics and mathematics from Boston University and a Ph.D. in agricultural and resource economics from UC Davis. Sanchirico is currently member of the National Academies of Sciences, Engineering, and Medicine's Ocean Studies Board and the U.S. National Committee for the Decade of Ocean Science for Sustainable Development Ocean Studies Board and was a member on the Committee on Evaluating Effectiveness of Stock Rebuilding Plans of the 2006 Fishery Conservation and Management Reauthorization Act.

Steven Scyphers

Member

Steven B. Scyphers is an Associate Professor in the School of Marine and Environmental Sciences and the Department of Sociology, Anthropology, and Social Work at the University of South Alabama. He is also a Senior Marine Scientist II at the Dauphin Island Sea Lab. Prior to his current position, Scyphers was a tenured Associate Professor at Northeastern University in the Department of Marine and Environmental Sciences and Core Faculty in the Social Science Environmental Health Research Institute. His lab's research integrates ecology and sociology to understand and overcome major challenges facing coastal communities, including sustainable fisheries, coastal development, ecosystem restoration, and climate adaptation. Scyphers received a B.S. in marine biology from Auburn University and a Ph.D. in marine sciences from the University of South Alabama and the Dauphin Island Sea Lab. Scyphers previously served on the National Academies of Sciences, Engineering, and Medicine's Committee on Data and Management Strategies for Recreational Fisheries with Annual Catch Limits and is currently serving on the Standing Committee on Offshore Wind Energy and Fisheries.

Scyphers serves as a member of the Scientific and Statistical Committee and Ecosystem Technical Committee of the Gulf of Mexico Fishery Management Council.

Rashid Sumaila

Member

Rashid Sumaila is a University Killam Professor and Canada Research Chair in Interdisciplinary Ocean and Fisheries Economics at the Institute for the Oceans and Fisheries, and the School of Public Policy and Global Affairs, University of British Columbia. He specializes in bioeconomics, marine ecosystem valuation, and the analysis of global issues such as fisheries subsidies, illegal fishing, climate change, and oil spills. Sumaila is the co-recipient of the 2023 Tyler Prize for Environmental Achievement, a recipient of the 2022 Royal Society of Canada Miroslaw Romanowski Medal for Scientific Work Relating to Environmental Problems, the 2021 Social Sciences and Humanities Research Council Impact Award; and the 2017 Volvo Environment Prize. He was inducted into the Fellowship of the Royal Society of Canada in 2019, and was named a 2022 AAAS Fellow. Sumaila received a B.Sc. in quantity surveying from the Ahmadu Bello University and a Ph.D. in economics from the University of Bergen. Sumaila previously served on the National Academies of Sciences, Engineering, and Medicine's Committee on the United States Contribution to Global Ocean Plastic Waste.

Constance Karras

Staff Officer