

## BIOGRAPHICAL SKETCHES OF PRESENTERS

Dr. Jane Lubchenco  
Distinguished Professor of Zoology  
Oregon State University

Jane is a marine ecologist with expertise in coastal ecosystems. She has been on the faculty at Oregon State University (OSU) for 25 years. She grew up in Colorado, but fell under the spell of the oceans after spending a summer at Woods Hole, Massachusetts in college and has lived and worked in coastal areas ever since. Her M.S. degree is from the University of Washington and her Ph.D. is from Harvard, both in marine ecology. She has extensive experience working in coastal marine ecosystems along the shores of Washington, Oregon, California, New England, Chile, New Zealand, and Panama. She was elected to the National Academy of Sciences in 1996, has served as President of the American Association for the Advancement of Sciences and the Ecological Society of America. She has received numerous awards, including a MacArthur Fellowship, the 2002 Heinz Environment Award, and eight honorary doctoral degrees, including one from Princeton University. She was nominated by President Clinton and confirmed by the U.S. Senate to the National Science Board.

Dr. Mark Hixon  
Professor of Zoology  
Oregon State University

Dr. Mark Hixon is a professor in the Department of Zoology at OSU, where he teaches undergraduate ecology, marine ecology, and marine biology, as well as a graduate course on the ecology of marine fishes. His expertise is marine ecology and conservation biology, emphasizing coastal marine fishes.

Mark was an undergraduate at the University of Southern California and the University of California at Santa Barbara (UCSB). As a graduate student at UCSB studying kelp-forest fishes, he documented nocturnal predatory behavior of electric rays and was one of the first to demonstrate experimentally that marine fish species compete with each other. He completed his Ph.D. in 1979.

As a National Science Foundation Postdoctoral Fellow, Mark derived and tested a model of territorial behavior with hummingbirds at University of California at Irvine and with coral-reef fish at the University of Hawaii. While in Hawaii, he also examined the effects of fish grazing on succession and local species diversity of coral-reef seaweeds. Leaving Hawaii in 1981, he was a lecturer and researcher at University of California at Irvine, continuing research on both hummingbirds and marine fishes until becoming an assistant professor at OSU in 1984.

During his tenure at OSU, Mark has studied the community ecology of reef fishes in the U.S. Virgin Islands, explored groundfish assemblages on the outer continental shelf of Oregon using manned submersibles, and studied the population ecology of reef fishes in the Bahamas, Australia, and French Polynesia. His research in Australia was funded by a Fulbright Senior Scholar Award. His current research, funded by the National Science Foundation and NOAA's National Undersea Research Program, focuses on the mechanisms that drive and regulate the population dynamics of marine fishes, emphasizing field experiments with reef fishes that are conceptually relevant to conserving and managing fisheries.

More recently, Mark has become active in fisheries replenishment and sustainability issues. He is a fellow of the Aldo Leopold Leadership Program, sits on the Board of Directors of the Pacific Marine Conservation Council, and serves on several scientific advisory panels focusing on marine conservation, including the Communication Partnership for Science and the Sea, Stanford University's Connections Program, the Sustainable Ecosystems Institute, and the U.S. Coral Reef Task Force Marine Reserve Working Group. He recently was appointed by the Secretaries of Commerce and Interior to serve on the new Federal Advisory Committee on Marine Protected Areas. He has received various honors as an effective teacher and public lecturer, and serves on the editorial boards of three professional journals: *Coral Reefs*, *Ecology*, and *Ecological Monographs*.

Dr. Dave Fluharty  
Associate Profess, School of Marine Affairs  
University of Washington

Dave Fluharty is an Associate Professor (Without Tenure) at the University of Washington's School of Marine Affairs. He received his Doctorate in Natural Resource Management and Conservation in 1977 from the School of Natural Resources, University of Michigan. Apropos the issues of fishery management and the use of MPAs, Dave is a member of the North Pacific Fishery Management Council (nine years) where he chairs the Ecosystem Committee. Dave served as Chair of the panel mandated by Congress in the Sustainable Fisheries Act 1996 to develop a report on the use of ecosystem-based fishery management in the United State (see NMFS Sustainable Fisheries Act Reports website). Fluharty served on the National Academy of Science, National Research Council study to produce the report, "Marine Protected Areas: Tools for Sustaining Ocean Ecosystems" (see National Academy of Science, NRC website). Dave fully believes that confronting this complex set of issues is the crux of the issue. Involvement of the fishery community, scientific community, and the environmental advocacy is extremely important in figuring out what should be done.

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