

**CALIFORNIA MARINE LIFE PROTECTION ACT INITIATIVE
EXPERT AND STAKEHOLDER PANELS DESCRIPTION AND PANELIST BIOS
APRIL 11, 2005**

Expert and stakeholder panels on defining a network of marine protected areas, especially as relevant to the final draft master plan framework.

Description of Panel Purpose

The Marine Life Protection Act (MLPA) requires the development of a Marine Life Protection Program with six goals. The principal vehicle for executing this program is the designation of a statewide network of MPAs. The purpose of this panel is to discuss considerations in designing a network of three types of marine protected areas (MPAs): marine reserves, marine parks, and marine conservation areas.

The main dimensions of MPA design are location, size, boundaries, and management measures for human activities. The physical dimensions of an MPA should reflect the goals and objectives for that area, such as biodiversity conservation, rebuilding of depleted fish populations, increasing recreational opportunities, or reducing conflicts in uses. The design of MPAs within a region must also take account of the MLPA requirement that representative habitats be included in at least two marine reserves in each region.

The expert and stakeholder panels will explore considerations in the design of different types of MPAs to achieve the “network” concept identified in the MLPA. The statewide “network” must help achieve the six MPLA goals of:

- * Conserving biodiversity,
- * Conserving and rebuilding marine life populations,
- * Improving recreational opportunities,
- * Improving educational opportunities,
- * Improving study opportunities, and
- * Protecting representative and unique marine habitats for their intrinsic value.

Expert Panelists

Dr. Mark Carr, University of California at Santa Cruz
Dr. Jenn Caselle, University of California at Santa Barbara
Dominic Gregorio, State Water Resources Control Board
Alfred Wanger, California Coastal Commission

Stakeholder Panelists

Richard Charter, Environmental Defense
Zeke Grader, Pacific Coast Federation of Fishermen’s Associations
Brian Johnson, City of Santa Monica
Dick Long, Diving Unlimited International, Inc.
Steve Scheiblaue, City of Monterey Harbor
Dan Wolford, Coastside Fishing Club

Panelist Bios

These brief panelist biographies are listed in alphabetical order.

Dr. Mark Carr, Associate Professor of Ecology and Evolutionary Biology University of California at Santa Cruz

Dr. Carr's expertise is in the population and community ecology of temperate and tropical reef fishes. In addition to basic ecological research, he conducts work on artificial reefs, marine reserves, marine habitat alteration, and the design of environmental impact studies. He teaches Marine Ecology, Kelp Forest Ecology, Conservation in the Sea, and various graduate seminars in basic and applied marine ecology. Carr is also a principal investigator at the Raimondi/Carr Laboratory, where he is exploring the relative roles of, and relationships between, nearshore oceanographic and habitat features, larval supply, settlement and post-settlement processes (e.g., competition and predation) that influence the replenishment and persistence of populations. He is also exploring ways to apply such basic ecological information to the conservation and harvest of marine species, including marine reserves, artificial reefs and environmental impact assessment.

Dr. Jenn Caselle, Assistant Research Biologist in Ecology, Evolution and Marine Biology University of California at Santa Barbara

With a Ph.D. in marine biology, Caselle's primary research interest is larval dispersal and population dynamics of both tropical and temperate reef fishes. Her interests include understanding near-shore marine ecosystems and the pathways of larval dispersal and the relative importance of pre-settlement vs. post-settlement events in determining population sizes. She is also interested in fisheries ecology and how to better understand and manage marine resources. Caselle is science coordinator for the Partnership for Interdisciplinary Studies of Coastal Oceans (PISCO) and has worked on the JASON project, which reaches out to millions of middle-grade students in the U.S. with real-time, interdisciplinary science expeditions.

Richard A. Charter, Marine Conservation Advocate Environmental Defense

Charter is a specialist in intergovernmental relations, media outreach, and grassroots organizing in support of marine protected areas and fishery restoration policy. He works to implement a network of marine protected areas along the U.S. Pacific coast, with expertise in the designation of national marine sanctuaries and regulatory strategies for such areas. A communications strategist and legislative advocate supporting California's coastal local governments in response to federal offshore oil and gas leasing proposals, Charter coordinated local government support for the implementation of the Gulf of the Farallones, Cordell Bank, Channel Islands, and Monterey Bay national marine sanctuaries along the California coastline.

Zeke Grader, Executive Director Pacific Coast Federation of Fishermen's Associations

Based in San Francisco, PCFFA is a federation of 25 different port and fishermen's marketing associations from San Diego to Alaska and is the largest trade association of commercial fishermen on the West Coast. Grader has been its executive director for 26 years and has been involved in the

fishing industry his entire life. He helped found the Institute for Fisheries Resources, which conducts fisheries and conservation research to work towards its vision of global sustainable fisheries.

***Dominic Gregorio, Senior Environmental Scientist
State Water Resources Control Board Ocean Standards Unit***

Gregorio currently is responsible for managing projects and issues associated with Areas of Special Biological Significance. He is a former Regional Clean Water Team Coordinator, with responsibility for coordinating citizen monitoring in the Central Valley, including working with established and start-up groups by providing assistance with outreach and education, training, technical assistance and data management. Previously, Gregorio was Environmental Projects Coordinator at the Southern California Marine Institute where he was a principle investigator on red tide research and marine grass surveys, and also coordinated aquaculture projects, field sampling for fish and invertebrates, water quality sampling, and marine science education projects. In addition he has been a marine biology instructor at Cypress College in Orange County, California, and at California State University, Dominguez Hills. From 1979 through 1987, Gregorio was an environmental coordinator for Texaco USA, West Coast Producing Division, where he managed a number of marine biological surveys and studies of offshore oil drilling projects, and was responsible for oil spill contingency planning.

***Brian Johnson, Manager
City of Santa Monica Environmental Programs Division***

Johnson has served as Environmental Programs Coordinator for the City of Santa Monica for 16 years. Responsibilities include management of the Sustainable City Program, Certified Unified Hazardous Materials Program, Underground Storage Tank Program, including oversight of permitting, operation and assessment/remediation activities, Household Hazardous Materials Consumer Awareness Ordinance, Ozone-Depleting Compound Ordinance, Urban Runoff Control Ordinance, and Toxics-Use Reduction Program, including the Integrated Pest Management Program and the Environmentally Preferable Procurement Program. Johnson served as Chair of the California Peer Review Project, and has served on numerous ASTM, regulatory and governor's environmental advisory committees. Additionally, he has served as an instructor and lecturer at West Los Angeles College and UCLA.

***Dick Long, retired President and CEO
Diving Unlimited International, Inc.***

Former Project Yukon Manager and past President of the San Diego Oceans Foundation, Long is the retired President and CEO of Diving Unlimited International. Long has devoted over 40 years to virtually every facet of the diving industry including developing products aimed at protecting people who work in aquatic environments. He is best known for the hot water heated diving suit and holds numerous patents in other diving areas. Dick was a founder of NAUI, a professional dive training organization, in 1960 and holds diving instructor #49. Long was involved as an Equipment Designer in Sealab II and III and perhaps his highest achievement was receiving the Divers Equipment Marketing Association's (DEMA) "Reaching Out Award" in 2004, which is the highest honor given in diving.

***Steve Scheiblaue, Harbormaster
City of Monterey***

The California Association of Harbormasters and Port Captains bestowed its prestigious Harbormaster of the Year Award on Scheiblaue in 2004. The award is given annually to a harbormaster who epitomizes all that the job requires and by his or her exemplary effort to advance CAHMPC's efforts to support recreational and commercial boating, safe boating practices and sound public policy.

Scheiblauber has worked for many years with the Monterey Bay National Marine Sanctuary to increase representation and communication between the federal sanctuary program, local communities, and stake holders, for resource management issues. Scheiblauber was also recognized for his work with fishermen to enhance the natural partnership that can exist between marine scientists and fishermen for improved knowledge of ocean resources. He has brought together scientists, local leaders, and fishermen on matters that tie the social, cultural and economic value of sustainable fisheries to coastal communities.

***Alfred Wanger, Deputy Director for Energy, Ocean Resources and Water Quality Division
California Coastal Commission***

Wanger oversees programs responsible for energy related projects along California's coast, including those related to power plants, offshore oil development, desalination facilities, and aquaculture facilities and related development. This division also includes the commission's Water Quality Program, responsible for implementing California's statewide Nonpoint Source Pollution Control Program in collaboration with the State Water Resources Control Board. Wanger has been involved in developing California's Critical Coastal Areas Program and the California Nonpoint Education for Municipal Officials (NEMO) Partnership, a program dedicated to educating elected officials about the relationship between land use and water quality. He is also the commission's representative on the California Watershed Management Strategic Plan Workgroup and a member of the Local Government Commission's Ahwahnee Water Principles Advisory Committee.

***Dan Wolford, Science Director
Coastside Fishing Club***

Wolford is active in many aspects of fisheries management including analysis of essential fish habitat proposals at the Pacific Fishery Management Council, recreational groundfish catch estimation, and rockfish recompression research. A retired Aerospace Systems Engineering Manager, Wolford says he would like to spend his retirement fishing rather than attending meetings.