

**DEPARTMENT OF THE  
INTERIOR  
BUREAU OF OCEAN  
ENERGY MANAGEMENT**



**OCS SCIENTIFIC  
COMMITTEE MEMBERS**

**Reston, Virginia  
February 8-9, 2012**

## **Taber Allison**

Dr. Allison received his Ph.D. in Ecology from the University of Minnesota, a Master's in Forest Science from the Yale School of Forestry and Environmental Studies, and a B.A. degree in Biology from Wesleyan University. He is an ecologist with special expertise in wind-wildlife impacts. He joined American Wind Wildlife Institute in December 2010 to direct all research initiatives. Previously, he was Vice President for Science, Policy and Climate Change at the Massachusetts Audubon Society where he led Mass Audubon's environmental evaluation of wind energy and climate change. He has served at the National Science Foundation, was Director of the Rocky Mountain Biological Laboratory, and taught at Ohio State University and the University of Colorado.

Director  
Research and Evaluation  
American Wind Wildlife Institute  
1110 Vermont Avenue, NW, Suite 950  
Washington, D.C. 20005  
office: (508) 289-3614  
e-mail: [tallison@awwi.org](mailto:tallison@awwi.org)

Discipline: Ecology/Biology (Sea birds; Wind-Wildlife Impacts)

Appointed: October 19, 2011

Eligible for Reappointment: October 19, 2014

## Robert J. Diaz

Dr. Diaz received his Ph.D. from the University of Virginia, 1977. His expertise is in benthic ecology and marine ecosystems. His research interests center around understanding the consequences of low dissolved oxygen (hypoxia) to ecosystem functioning and organism-sediment interactions (bioturbation). In particular, how perturbations of functions and processes influence energy flow. He strives to estimate the relative resource value of the various estuarine and marine benthic habitat types and how hypoxia affects energy flows. The goal is to quantify energy flow between habitats and develop environmentally sound management strategies. In addition, he is also interested in the application of the statistical and numerical methods to biological data. He is broadly interested in the ecology and taxonomy of estuarine and marine invertebrates with specialization in oligochaetes.

Professor of Marine Science  
School of Marine Science  
Virginia Institute of Marine Science  
P.O. Box 1346  
Gloucester Pt., Virginia 23062  
office: (804) 684-7364  
e-mail: diaz@vims.edu

Discipline: Ecology/Biology (Toxicology/Ecosystem)

Appointed: October 19, 2011  
Eligible for Reappointment: October 19, 2014

## **Kenneth H. Dunton**

Dr. Dunton received his Ph.D. from the University of Alaska-Fairbanks (1986), and is currently a professor in Marine Science at The University of Texas at Austin. He is a biological oceanographer whose research is focused on estuarine and coastal processes. Although his work spans from the Arctic to the Antarctic, his continuous studies of the arctic coastal ecosystem has spanned three decades and over 3000 research dives. Funded by the National Science Foundation's (NSF) Arctic System Science's Shelf-Basins Interactions study from 1999 to 2008, he examined the distribution and biomass of benthic biota and changes in trophic structure based on the application of stable isotopic signatures. He has also performed intensive studies of nearshore shelf arctic benthic communities and kelp beds since 1977 under funding from the Outer Continental Shelf Environmental Assessment Program, the Bureau of Ocean Energy Management, Regulation and Enforcement, NSF, Shell Alaska, BP Alaska, and the U.S. Fish and Wildlife Service. He recently received a three-year grant from NSF to examine the linkages between arctic watersheds and coastal lagoons along the eastern Alaskan Beaufort Sea coast, with particular emphasis on the lagoon systems of the Arctic National Wildlife Refuge. His work in the Gulf of Mexico has addressed the productivity of seagrass and marsh systems, and the trophic structure of the Flower Gardens coral reef community.

Professor  
Department of Marine Science  
The University of Texas at Austin  
750 Channel View Drive  
Port Aransas, Texas 78373-5015  
office: (361) 749-6744  
e-mail: [ken.dunton@mail.utexas.edu](mailto:ken.dunton@mail.utexas.edu)

Discipline: Marine Benthic Communities of the Arctic Basin and Gulf of Mexico

Originally Appointed: June 24, 2008  
Reappointed: October 11, 2011  
Retires: October 11, 2014

## Stephen L. Elgar

Dr. Elgar received his Ph.D. from Scripps Institution of Oceanography in 1985. His research interests include: observations and models of nearshore processes, including wave evolution across the continental shelf to the shoreline; the corresponding breaking-wave-driven circulation, and the subsequent changes to surfzone morphology (e.g., beach erosion and accretion); and analysis of nonlinear random processes, especially geophysical time series.

Senior Scientist  
National Security Science & Engineering Faculty Fellow  
Applied Ocean Physics & Engineering  
Woods Hole Oceanographic Institution  
Woods Hole, MA 02543  
office: (508) 289-3614  
e-mail: lgar@whoi.edu

Discipline: Physical Oceanography (Nearshore/Remote Sensing)

Appointed: October 19, 2011  
Eligible for Reappointment: October 19, 2014

## **Jerry A. Galt**

Dr. Galt received his Ph.D. from the University of Washington in 1969. Areas of interest include Deep Water Horizon and multi-disciplinary scientific program combining theoretical research and real-time computer applications at accidental spill scenes. He directed the computer modeling component at over one thousand oil and chemical spill responses. He has extensive experience in computerized data systems, oil spill response and oceanographic modeling.

Chief Oceanographer  
Genwest Systems  
170 W. Dayton Street, Suite 106A  
Edmonds, Washington 98020  
office: (425) 771-2700  
e-mail: [jerryg@genwest.com](mailto:jerryg@genwest.com)

Discipline: Physical Oceanography (Oil Spill Modeling)

Appointed: October 19, 2011  
Eligible for Reappointment: October 19, 2014

## Richard A. Gould

Dr. Gould received his Ph.D. from the University of California, Berkley in 1965. He studied human cultural and behavioral adaptations to stress, risk, and uncertainty. Initially these studies looked at living societies – specifically, in NW California, in Australia's Western Desert, and in subarctic Finland – and related the findings to archaeological remains. This interest later extended to the study of shipwrecks and losses at sea, with underwater fieldwork in Bermuda and in the Dry Tortugas, Florida. His areas of interest are forensic archaeology, ethnoarchaeology, and maritime archaeology.

Professor (Emeritus)  
6109A Summer Street  
Honolulu, Hawaii 96821  
e-mail: rgould49@gmail.com

Discipline: Social Sciences (Anthropology)

Appointed: October 19, 2011  
Eligible for Reappointment: October 19, 2014

## **Mark A. Johnson**

Dr. Johnson is a physical oceanographer currently focusing on high latitude climate change with an emphasis on sea ice variations in the Arctic Ocean. His approach is to use historical and recent measurements to assess and characterize ice thickness and concentration. He is evaluating the performance of numerical models and assessing the accuracy of model forecasts of future ice conditions. This research is especially important along the ocean margins where marine navigation and access to resources are critical.

Professor of Marine Science  
Institute of Marine Science  
111 O'Neill  
P.O. Box 757220  
University of Alaska Fairbanks  
Fairbanks, Alaska 99775-7220  
office: (907) 474-6933  
fax: (907) 474-7204  
email: Johnson@ims.uaf.edu

Discipline: Physical Oceanography (Arctic Region and Sea Ice)

Originally Appointed: June 24, 2008  
Reappointed: October 19, 2011  
Retires: October 19, 2014



## Willett M. Kempton

Dr. Kempton received his Ph.D. from the University of Texas at Austin, 1977. He is Director of the Center for Carbon-free Power Integration and teaches renewable energy policy at the University of Delaware. Offshore wind is his main research interest. In early April 2010, he published a study in *Proceedings of the National Academy of Sciences* hypothesizing that a chain of offshore wind stations along the Atlantic could provide power to much of the Eastern Seaboard. Other fields of interest include: anthropological studies of policy; environmental and energy policy; offshore wind; vehicle-to grid power; citizens' environmental values and actions; cognitive anthropology; and power systems integration.

Professor  
Marine Policy  
University of Delaware  
Newark, Delaware 19716  
office: (302) 831-0049  
e-mail: willett@udel.edu

Discipline: Social Sciences (Anthropology/alternative Energy)

Appointed: October 11, 2011  
Eligible for Reappointment: October 11, 2014

## Gary P. Kofinas

Dr. Kofinas received his PhD from the University of British Columbia. His research program has focused on the resilience and adaptation of high latitude social-ecological systems, community-based resource management systems, subsistence economics of northern villages, adaptive co-management institutions, and the human role in reindeer/caribou systems. He is co-editor of the text, *Principles of Ecosystem Stewardship: Resilience-Based Resource Management* (Springer 2009) and served as Director of the Resilience and Adaptation Program, a graduate program in sustainability science at the University of Alaska Fairbanks.

Associate Professor  
Institute of Arctic Biology  
University of Alaska Fairbanks  
PO Box 75700  
Fairbanks, Alaska 99775-7000  
office: (907) 474-7078  
e-mail: kofinas@alaska.edu

Discipline: Social Sciences (Resource Policy and Management)

Appointed: October 11, 2011

Eligible for Reappointment: October 11, 2014

## **Lisa A. Levin**

Dr. Levin received her Ph.D. from Scripps Institution of Oceanography, University of California, San Diego, in 1982. Research interests are: larval dispersal, population connectivity and their influence on population dynamics; ecology of deep-sea reducing environments (oxygen minimum zones, methane seeps); population and community ecology of soft-sediment habitats; wetlands ecology, species invasion and restoration; animal-sediment-plant-geochemical interactions; and ecosystem-level consequences of species invasion. She also has more than 20 years' experience in both shallow and deep-sea marine benthic environments.

Professor  
Integrative Oceanography Division  
Scripps Institution of Oceanography  
9500 Gilman Drive  
La Jolla, California 92093-0218  
office: (858) 534-3579  
e-mail: [llevin@ucsd.edu](mailto:llevin@ucsd.edu)

Discipline: Physical Oceanography (Biological Oceanography)

Appointed: October 11, 2011  
Eligible for Reappointment: October 11, 2014

## Milton S. Love

Dr. Love received his Ph.D. from the University of California, Santa Barbara, in 1978. His interests include the ecological role of oil and gas platforms. He also specializes in deepwater research and is currently involved with the Deepwater Horizon Oil Spill efforts.

Research Biologist  
Marine Science Institute  
University of California, Santa Barbara  
Santa Barbara, California 931-6  
Office: (805) 898-2935  
e-mail: [love@lifesci.ucsb.edu](mailto:love@lifesci.ucsb.edu)

Discipline: Ecology/Biology (Fisheries/Deep Sea)

Appointed: October 11, 2011  
Eligible for Reappointment: October 11, 2014

## I.Roderick Mather

Dr. Mather received his Ph.D. from the University of Oxford (United Kingdom), in 1995. His research interests include: Historical and Archaeological Maritime Landscapes (particularly the Outer Continental Shelf, Southern New England, Virginia and Lake Huron); Underwater Geophysical Survey and Mapping; GIS Applications for Underwater Archaeology; Archaeological Method, Theory and Ethics; The Evolution of Shipbuilding Technology; Revolutionary War Shipwrecks in Narragansett Bay; Development and Change in the Atlantic World (15<sup>th</sup>–19<sup>th</sup> centuries); and European Maritime Empires.

Professor  
Department of History  
University of Rhode Island  
80 Upper College Road, Suite 3  
Kingston, RI 02881  
office: 401.874.4093  
e-mail: [roderick@uri.edu](mailto:roderick@uri.edu)

Discipline: Social Sciences (Archeology)

Appointed: October 11, 2011  
Eligible for Reappointment: October 11, 2014

## **Richard J. McLaughlin**

Dr. McLaughlin received his J.S.D., Doctorate in Law from the Boalt Hall School of Law, University of California at Berkeley, in 1997, and is the Harte Research Institute's Endowed Chair of Marine Policy and Law. He has been actively involved in a variety of leadership positions in the marine policy field, is a former Fulbright Scholar to Japan and has published over sixty articles and monographs on ocean and coastal policy issues. In the classroom, his instruction has included Admiralty, Coastal Management and Ocean Law, and Environment/Marine Policy. He has superior knowledge of marine policy and legal issues including the international law of the sea, ocean energy policies, ocean governance, and marine ecosystem-based management.

Professor and Endowed Chair  
Harte Research Institute for Gulf of Mexico Studies  
Texas A&M University - Corpus Christi  
6300 Ocean Drive, Unit 5869  
Corpus Christi, Texas 78412-5869  
office: (361) 825-2010  
e-mail: Richard. Mclaughlin@tamucc.edu

Discipline: Social Sciences (Marine Policy and Law)

Appointed: October 11, 2011  
Eligible for Reappointment: October 11, 2014

## Lorrie Rea

Dr. Rea received her Ph.D. from the University of Alaska, Fairbanks, in 1995. Her general research interest encompasses the metabolism and nutritional physiology of terrestrial and marine mammals and is particularly interested in questions dealing with lipid metabolism in large mammals and how physiological processes are adapted to periods of food limitation and fasting in the wild. Most of her recent research addresses health, diet, and body condition assessment of Steller sea lions in Alaska. She is currently a wildlife physiologist with the Alaska Department of Fish and Game, Division of Wildlife Conservation.

Program Leader  
Steller Sea Lion Research Program  
Division of Wildlife Conservation  
Alaska Department of Fish and Game  
1300 College Road  
Fairbanks, Alaska 99701-1551  
office: (907) 459-7367  
email: [lorrie.rea@Alaska.gov](mailto:lorrie.rea@Alaska.gov)

Discipline: Biology (Endangered Species; Arctic Marine Mammal Health)

Appointed: June 24, 2008  
Reappointed: October 19, 2011  
Retires: October 19, 2014

## **Sandra R. Werner**

Dr. Werner received her Ph.D. from the Joint Program in Oceanography/Applied Ocean Science and Engineering, Massachusetts Institute of Technology/Woods Hole Oceanographic Institution, Cambridge/Woods Hole, Massachusetts in 1999. She has developed metocean criteria for the Gulf of Mexico and operations worldwide and has modeled hurricane-induced currents in the Gulf of Mexico. She has also performed comprehensive studies of inter-annual variations of Arctic sea ice and climate, oversaw shoreline erosion and sediment transport studies including scour protection studies for offshore platforms, and managed environmental monitoring program offshore Sakhalin (Sakhalin Gray Whales) comprising field studies (biology, physical oceanography, marine sound), and presentations to regulatory authorities.

Research Scientist  
ExxonMobil Upstream Research Company  
P.O. Box 2189  
Houston, Texas 77252-2189  
office: (713) 431-6358  
e-mail: [sandra.r.werner@exxonmobil.com](mailto:sandra.r.werner@exxonmobil.com)

Discipline: Physical Oceanography (Engineering/Ocean Modeling)

Appointed: October 11, 2011  
Eligible for Reappointment: October 11, 2014



**Federal Ex Officio Member**

Mr. Tommy P. Beaudreau  
Director  
Bureau of Ocean Energy Management  
1849 C Street, N.W.  
Washington, D.C. 20240  
phone: (202) 208-3500 -- fax: (202) 208-7242

**Executive Director & Designated Federal Officer**

Dr. Alan Thornhill  
Chief Environmental Officer  
Office of Environmental Programs  
Bureau of Ocean Energy Management  
1849 C Street, N.W.  
Washington, D.C. 20240  
phone: (202) 208-6249 -- fax: (202) 208-6048  
e-mail: Alan.Thornhill@boem.gov

**Executive Secretary**

Dr. Rodney Cluck  
Executive Secretary  
OCS Scientific Committee  
Bureau of Ocean Energy Management  
381 Elden Street, MS-4041  
Herndon, Virginia 20170-4817  
phone: (703) 787-1652-- fax: (703) 787-1053  
e-mail: Rodney.Cluck@boem.gov

Ms. Phyllis Clark  
OCS Scientific Committee Staff  
Division of Environmental Sciences  
Bureau of Ocean Energy Management  
381 Elden Street, MS-4041  
Herndon, Virginia 20170-4817  
phone: (703) 787-1716 -- fax: (703) 787-1053  
e-mail: Phyllis.Clark@boem.gov

Ms. Gloria Boland  
OCS Scientific Committee Staff  
Division of Environmental Sciences  
Bureau of Ocean Energy Management  
381 Elden Street, MS-4041  
Herndon, Virginia 20170-4817  
phone: (703) 787-1720 -- fax: (703) 787-1053  
e-mail: Gloria.Boland@boem.gov