

**MONDAY, JULY 20**

**11:00 a.m. to 12:30 p.m.**

Arlington

**SOCIAL, ECONOMIC, AND ENVIRONMENTAL PERSPECTIVES ON  
PROTECTED AREAS**

Moderator: Jeff Adkins, NOAA Coastal Services Center

**ADAPTIVE PROCESS DESIGN FOR MULTI-STAKEHOLDER ENVIRONMENTAL PLANNING: A  
TEMPLATE FOR SUCCESS FROM THE CALIFORNIA MARINE LIFE PROTECTION ACT INITIATIVE**

Evan Fox and Melissa Miller-Henson, California Marine Life Protection Act Initiative

**THE ROLE OF SOCIOECONOMIC DATA IN DESIGNING AND EVALUATING MPA NETWORKS:  
CALIFORNIA'S MARINE LIFE PROTECTION ACT PROCESS**

Charles Steinback, Sarah A. Kruse, Ph.D., Jon Bonkoski, Mike Mertens, and Astrid J. Scholz, Ph.D., Ecotrust

**PREVENTING THE ULTIMATE WIPEOUT: POLICY APPROACHES FOR PROTECTING  
SURFING AREAS**

Brycen Swart, Rick Wilson, and Chad Nelsen, Surfrider Foundation

**DEVELOPING A PROCESS AND CRITERIA FOR EVALUATING WISCONSIN'S LAKE SUPERIOR  
FRESHWATER ESTUARIES' ECOLOGICAL CHARACTERISTICS, RESEARCH POTENTIAL, AND  
EDUCATIONAL OPPORTUNITIES**

Travis Olson, Wisconsin Coastal Management Program; Patrick Robinson, Becky Sapper, and Cathy Techtmann, University of Wisconsin Extension

**11:00 a.m. to 12:30 p.m.**

Berkeley/Clarendon

**FROM OBSERVATIONS TO APPLICATIONS: ENHANCING COASTAL SCIENCE  
FOR MANAGERS, PRACTITIONERS, AND THE PUBLIC**

Moderator: Kristin Tronvig, NOAA Center for Operational Oceanographic Products and Services

**THE CHANGING TIDE: MEASURING, UNDERSTANDING, AND APPLYING VARIATIONS  
IN SEA LEVEL**

Allison L. Allen, NOAA Center for Operational Oceanographic Products and Services;  
Galen A. Scott, NOAA National Geodetic Survey

**MEASURING VERTICAL LAND MOTION AND THE IMPLICATIONS FOR LOCAL RATES OF SEA  
LEVEL RISE**

Galen A. Scott, NOAA National Geodetic Survey

*Additional Panelists:*

Perry F. Gayaldo, Ph.D., NOAA Restoration Center  
Kevin Knuuti, U.S. Army Corps of Engineers

**11:00 a.m. to 12:30 p.m.**

Georgian

**CLIMATE CHANGE IMPACTS**

Moderator: Daniella Hirschfeld, Massachusetts Office of Coastal Zone Management

**EVALUATING POTENTIAL SEA-LEVEL RISE IMPACT TO THE U.S. MID-ATLANTIC OCEAN COAST: RESULTS FROM A PANEL ASSESSMENT**

Benjamin T. Gutierrez, S. Jeffress Williams, and E. Robert Thieler, U.S. Geological Survey, Woods Hole Science Center

**CLIMATE CHANGE AND EUTROPHICATION STATUS AND TRENDS IN THE GULF OF MAINE**

Christine M. Tilburg, Gulf of Maine Council, Ecosystem Indicator Partnership; Holly Elwell, Tufts University; Jim Latimer, U.S. EPA Office of Research and Development; Gary Lines and Kathryn Parlee, Environment Canada; Susan Russell-Robinson, U.S. Department of the Interior

**PROJECTING EMPLOYMENT EFFECTS OF STORM SURGE AND SEA LEVEL RISE IN YORK COUNTY, MAINE**

Charles S. Colgan and Samuel Merrill, University of Southern Maine

**COASTAL FLOODING AND ENVIRONMENTAL JUSTICE: IDENTIFYING VULNERABLE COMMUNITIES AND FEASIBLE ADAPTATION STRATEGIES FOR THE BOSTON METRO AREA**

Ellen Douglas, Ph.D., and Chris Watson, Environmental, Earth and Ocean Sciences Department, University of Massachusetts, Boston; Paul Kirshen, Ph.D., Civil and Environmental Engineering, Tufts University; Jack Wiggin, Urban Harbors Institute, University of Massachusetts, Boston; Scott Goodwin, Center for Integrative Environmental Research and Department of Anthropology, University of Maryland, College Park

**11:00 a.m. to 12:30 p.m.**

Stanbro

**GOT ENERGY? TOOLS, LESSONS LEARNED, AND FUTURE TRENDS FOR TIDAL AND OFFSHORE ENERGY**

Moderator: Barry Logue, Second Wind, Inc.

**GOT TIDAL ENERGY? AN OPEN SOURCE, WEB-BASED, SPATIAL DECISION SUPPORT TOOL FOR TIDAL POWER SITING**

Phil Osborne and Jessica Côté, Pacific International Engineering; Allison Bailey, Sound GIS; Aaron Racicot, Z-Pulley, Inc.; Neil MacDonald, Coldwater Consulting Ltd.

**OFFSHORE RENEWABLE ENERGY SITING IN GERMANY AND THE UNITED STATES: LEGAL AND POLICY IMPEDIMENTS AND SUPPORTS**

Michelle E. Portman, Marine Policy Center, Woods Hole Oceanographic Institution; John A. Duff, Environmental, Earth and Ocean Science Department, University of Massachusetts, Boston; Johann Köppel and Jessica Reisert, Environmental Assessment and Policy Research Group, Technische Universität, Berlin; Megan E. Higgins, Marine Affairs Institute, Roger Williams University School of Law

**IMPACTS OF ENERGY RESOURCE DEVELOPMENT ON COASTAL COMMUNITIES**

Mitchell T. Baer, Office of Oil and Gas Analysis, Office of Policy, U.S. Department of Energy

**11:00 a.m. to 12:30 p.m.**

Terrace

**ECOSYSTEM ASSESSMENT, CONSERVATION, AND MANAGEMENT**

Moderator: Pete Wiley, NOAA Coastal Services Center

**INTEGRATED ECOSYSTEM ASSESSMENTS: A TOOL FOR BRIDGING SCIENCE AND ECOSYSTEM MANAGEMENT**

Gary C. Matlock, Ph.D., Robert Wood, Ph.D., Ruth Kelty, Ph.D., and Susan Baker, Ph.D., NOAA National Centers for Coastal Ocean Science

**SCIENCE TO INFORM AN ECOSYSTEM APPROACH TO MARINE MANAGEMENT**

Peter Taylor, Waterview Consulting

**AN ECOSYSTEM MANAGEMENT TOOL FOR THE SELECTION OF ENVIRONMENTAL AND SOCIO-ECONOMIC INDICATORS IN URBAN ESTUARIES**

Kim M. Frashure, Ph.D. Candidate, Robert E. Bowen, Ph.D, Robert F. Chen, Ph.D., and Anamarija Frankic, Ph.D., University of Massachusetts, Boston

**THE NATURE CONSERVANCY'S NORTHWEST ATLANTIC MARINE ECOLOGICAL ASSESSMENT: INTEGRATED PLANNING AND CONSERVATION OF COASTAL AND MARINE ENVIRONMENTS AND RESOURCES**

Sally Yozell and Jennifer Greene, The Nature Conservancy