

WEDNESDAY, JULY 22

2:00 to 4:30 p.m.

St. James

CAFÉ CONVERSATION: BUILDING COLLABORATION BETWEEN COASTAL MANAGEMENT AND FEMA'S COMMUNITY RATING SYSTEM: CHANGING THE COASTAL ELEMENTS

Leader: Bill Lesser, Federal Emergency Management Agency

The Community Rating System (CRS) is a voluntary program which encourages communities that participate in the National Flood Insurance Program (NFIP) to implement floodplain management techniques that are above the minimum NFIP standards. There are many overlaps between CRS standards and coastal zone management principles, including maintaining coastal floodplains in a natural, undeveloped state, implementing erosion-based coastal development setback programs, greater protection of coastal dunes, and requiring disclosure of coastal flood risks in real estate transactions. Currently, these and other CRS coastal elements are being revised, and this café conversation, led by FEMA and NOAA officials, will provide a forum for coastal managers to provide meaningful input on how the CRS should be revised to encourage more progressive coastal floodplain management. Participants will hear an overview of the CRS and the specific coastal elements, and then, aided by facilitators, will break into small groups to discuss and decide on specific recommendations. Output from this session will be collected by FEMA for inclusion in the revised CRS coastal standards.

2:00 to 4:30 p.m.

Stuart

CAFÉ CONVERSATION: BUILDING IN CLIMATE CHANGE EFFECTS TO URBAN WATERFRONT DEVELOPMENT POLICIES

Leader: Leslie-Ann McGee, Waquoit Bay National Estuarine Research Reserve

Now that most Americans understand that coastal areas will feel effects of climate change such as relative sea level rise and increased frequency and intensity of storms despite future mitigation efforts, it is time to build consideration of these effects into urban waterfront planning policies. Climate change adaptation will require the production or packaging of scientific data, risk and socio-economic assessments, mapping and modeling, science transfer to policy, planning, technical capacity, and coalition-building, as well as regulatory and technical tools for implementation strategies. Results of this conversation will be recommendations of practical procedures and means for taking climate change into account in urban planning and impact assessment.

2:00 to 4:30 p.m.

Thoreau

CAFÉ CONVERSATION: HOW CAN GEOSS CONNECT COASTAL ZONE OBSERVATIONS WITH COASTAL ZONE CONCERNS?

Leader: Joshua Lieberman, Ph.D., Traverse Technologies/Open Geospatial Consortium

Coastal zones in many ways epitomize the interoperability issues that the Global Earth Observation System of Systems (GEOSS) must overcome to realize its mission. Participants in this café conversation will be challenged to pose questions of Earth observation interoperability, comparability, discovery, and integration, and then consider how these questions can be addressed by developing specific capabilities within the framework provided by GEOSS. This is an opportunity for the coastal zone community to both learn more about GEOSS and provide feedback at a critical early phase of operational deployment.

2:00 to 4:30 p.m.

White Hall

CAFÉ CONVERSATION: MASSACHUSETTS OCEAN MANAGEMENT PLANNING

Leader: Stephanie Moura, Massachusetts Ocean Partnership

While the ink is still drying on Massachusetts' first-in-the-nation draft integrated ocean management plan, join the Executive Office of Energy and Environmental Affairs and the Massachusetts Ocean Partnership for an interactive dialogue about the commonwealth's ocean management planning experience. Discussion will highlight key challenges and lessons learned in three core aspects: science integration, stakeholder engagement, and the public-private collaboration model. Participants will come away with pragmatic information to support their own marine spatial planning work and will connect with colleagues facing similar challenges.

2:00 to 4:30 p.m.

Whittier

CAFÉ CONVERSATION: THE NEXT GENERATION OF COASTAL MANAGEMENT: BUILDING LEADERSHIP CAPACITY

Leader: Corey Riley, NOAA Office of Ocean and Coastal Resource Management, Cooperative Institute for Coastal and Estuarine Environmental Technology

This café conversation will build upon a session from Coastal Zone 07, which discussed how to transition to a new generation of coastal managers. Participants will identify actions to help solve the common gaps and challenges. Breakout groups led by facilitators from academia, government, and nonprofit organizations will contribute practical ideas to make clear progress on addressing topics such as establishing leadership fellowships or mid-career training opportunities; working with academic programs to ensure the essential skills identified are taught to graduate students; providing support to ensure effective succession planning; and identifying useful networking tools to address workforce management needs, etc. Facilitators and key partners will lead the generation

of action items and identification of next steps and responsible parties. This café conversation will be a working session to move the important dialogue about the future of coastal management into actionable steps and clear outcomes.

2:00 to 3:30 p.m.

Arlington

SPATIAL DATA AND TOOLS OF THE TRADE

Moderator: Chris Kinkade, NOAA Coastal Services Center

OCEAN INFORMATION PRODUCTS IN SUPPORT OF OREGON'S MARINE SPATIAL PLANNING PROCESSES

Andy S. Lanier, Oregon Department of Land Conservation and Development

COASTAL RESILIENCE: USING MARINE SPATIAL PLANNING TO SUPPORT MANAGEMENT DECISIONS THAT ADDRESS THE NEEDS OF NATURAL AND HUMAN COMMUNITIES

Zach Ferdana, The Nature Conservancy

MARINE SPATIAL PLANNING IN CALIFORNIA: THE USE OF COMMON MAPPING AND DATA GATHERING PROTOCOLS TO IMPROVE AGENCY COORDINATION

Matthew Armsby, Caitlin Crain, and Margaret Caldwell, Center for Ocean Solutions; Ben Halpern, National Center for Ecological Analysis and Synthesis; Fiorenza Micheli, Hopkins Marine Station, Stanford University; Deborah Sivas, Stanford Law School

THE HUMAN DIMENSION IN WATERWAY RESOURCE MANAGEMENT: THE FLORIDA PERSPECTIVE

Charles Sidman and Russell Watkins, Florida Sea Grant College Program; William Sargent, Florida Fish and Wildlife Conservation Commission; Robert Swett, School of Forest Resources and Conservation, University of Florida; Laila Racevskis, Food and Resource Economics Department, University of Florida

2:00 to 3:30 p.m.

Berkeley/Clarendon

WORKING TOGETHER FOR HABITAT RESTORATION IN THE NARROW RIVER (PETTAQUAMSCUTT RIVER ESTUARY)

Moderator: Veronica M. Berounsky, Graduate School of Oceanography, University of Rhode Island

WHAT YOU CAN LEARN FROM A WATERSHED ASSOCIATION, VOLUNTEER MONITORS, AND GRADUATE STUDENTS: GRASS ROOTS MONITORING RESULTS AND THE CALL FOR RESTORATION IN THE NARROW RIVER (PETTAQUAMSCUTT ESTUARY) IN RHODE ISLAND
Veronica M. Berounsky, Graduate School of Oceanography, University of Rhode Island

THE STATE'S ROLE IN RESTORING THE NARROW RIVER

Elizabeth Scott, Rhode Island Department of Environmental Management, Office of Water Resources

NARROW RIVER STORMWATER ABATEMENT STUDY AND IMPLEMENTATION

M. James Riordan, AICP, Fuss & O'Neill, Inc.

PLANNING ESTUARINE ECOSYSTEM RESTORATION IN THE NARROW RIVER

Lawrence R. Oliver, U.S. Army Corps of Engineers, New England District

2:00 to 3:30 p.m.

Georgian

**THE STORMSMART NETWORK: HOW LOCAL ACTION ACROSS THE U.S.
IS PREPARING COMMUNITIES FOR CLIMATE CHANGE**

Moderator: Julia Knisel, Massachusetts Office of Coastal Zone Management

**NO ADVERSE IMPACTS AND HOW IT APPLIES TO DECISION-MAKERS DEALING WITH
FLOODPLAINS AND CLIMATE CHANGE**

Edward A. Thomas, Esq., Michael Baker Jr., Inc.

**HOW MASSACHUSETTS' COMMUNITIES ARE GETTING READY FOR CLIMATE
CHANGE IMPACTS**

Daniella Hirschfeld, Massachusetts Office of Coastal Zone Management

CREATING A NETWORK – LINKING LOCAL CHANGE

Wesley Shaw, Blue Urchin Consulting

2:00 to 3:30 p.m.

Stanbro

EDUCATION AND CAPACITY BUILDING IN COASTAL COMMUNITIES

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

ADAPTIVE TRAINING METHODOLOGIES FOR DYNAMIC COASTAL COMMUNITIES

Lisa Auermuller, Jacques Cousteau National Estuarine Research Reserve; Rebekah
Walker-Szivak, ACE Basin National Estuarine Research Reserve

**CONNECTING MORE EFFECTIVELY WITH THE PUBLIC FOR OCEAN LITERACY AND
CONSERVATION: FINDINGS FROM THE OCEAN PROJECT NATIONAL SURVEY**

Bill Mott, The Ocean Project

**COASTAL PLANNING IN AMERICAN SAMOA THROUGH INNOVATION, EDUCATION, EROSION
HAZARD ANALYSIS, AND SEDIMENT MANAGEMENT**

Jessica H. Podoski and Thomas D. Smith, U.S. Army Corps of Engineers,
Honolulu District

**WATER, PEOPLE, AND NATURE IN A TANZANIAN COASTAL WATERSHED: FOSTERING
ECOSYSTEM AND SOCIAL TIES**

Donald D. Robadue, Jr., and Jim Tobey, University of Rhode Island; Appa Mandari and
Jeremiah Daffa, Tanzania Coastal Management Partnership

2:00 to 3:30 p.m.

Terrace

**INTRODUCING THE INTERNATIONAL COASTAL ATLAS
NETWORK (ICAN)**

Moderator: Dawn Wright, Oregon State University

OPENING REMARKS: OVERVIEW AND HISTORY OF ICAN

Dawn Wright, Oregon State University

U.S. WEST COAST PERSPECTIVE ON ICAN

Tanya Haddad, Oregon Coastal Management Program

U.S. EAST COAST PERSPECTIVE ON ICAN

Marcia Berman, Virginia Institute of Marine Science

U.S. GREAT LAKES PERSPECTIVE ON ICAN

David Hart, University of Wisconsin Sea Grant Institute

ICAN AND THE DIGITAL COAST INITIATIVE

Tony LaVoi, NOAA Coastal Services Center

**VOICING CONCERNS ABOUT REGIONAL CLIMATE IMPACTS AND COMMUNITY
VULNERABILITY ON THE OREGON COAST**

Tim Nyerges, University of Washington