

TUESDAY, JULY 21

10:30 to 11:30 a.m.

Arlington

HARMFUL ALGAL BLOOMS MONITORING AND MANAGEMENT

Moderator: Mary Culver, NOAA Coastal Services Center

TRANSFERRING NEW TECHNOLOGIES TO COASTAL MANAGERS: PROGRESS IN MONITORING AND MANAGEMENT FOR HARMFUL ALGAL BLOOMS

Marc Suddleson and Danielle Luttenberg, NOAA Center for Sponsored Coastal Ocean Research

MONITORING TOXIC ALGAE IN THE PUGET SOUND USING QUANTITATIVE PCR

Sonya T. Dyhrman and Sheean T. Haley, Woods Hole Oceanographic Institution; Jerry A. Borchert, Washington State Department of Health, Shellfish Program; Bob Lona, Washington State Department, Marine Biotoxin Unit; Deana L. Erdner, University of Texas at Austin, Marine Science Institute

CRYPTIC BLOOMS: ARE THIN LAYERS THE MISSING CONNECTION?

Margaret A. McManus, Ph.D., and Grieg F. Steward, Ph.D., University of Hawaii at Manoa, Department of Oceanography; Raphael M Kudela, Ph.D., and Mary W. Silver, Ph.D., University of California Santa Cruz, Ocean Sciences Department; Percy L. Donaghay, Ph.D., and James M. Sullivan, Ph.D., University of Rhode Island, Graduate School of Oceanography

10:30 to 11:30 a.m.

Berkeley/Clarendon

COASTAL MANAGEMENT POLICY AND LEGISLATION II

Moderator: Bruce Carlisle, Massachusetts Office of Coastal Zone Management

WATER QUALITY TRADING: LEGAL HURDLES AND SCIENTIFIC CHALLENGES

Stephanie Showalter, National Sea Grant Law Center, University of Mississippi

USING APPROPRIATE ESTUARINE SHORELINE STABILIZATION METHODS THROUGH POLICY REVISIONS AND EDUCATION IN NORTH CAROLINA

Bonnie M. Bendell, North Carolina Division of Coastal Management

10:30 to 11:30 a.m.

Georgian

COASTAL HAZARD PREPAREDNESS AND MITIGATION

Moderator: Matt Nixon, Maine Coastal Program

FEMA'S COMMUNITY RATING SYSTEM IN THE COASTAL ZONE

Josh Lott and Christa Rabenold, NOAA Office of Ocean and Coastal Resource Management; Bill Lesser, Federal Emergency Management Agency; Berry Williams, Berry A. Williams & Associates, Inc.

**EFFECTIVE PARTNERING TO MANAGE OCEAN RESOURCES AND MITIGATE
COASTAL HAZARDS**

Marnie Meyer and Ann Ogata-Deal, Hawaii Coastal Zone Management Program

**AFTER THE HURRICANES: PUBLIC RISK ASSESSMENTS AND POLICY SUPPORT IN THE
U.S. GULF COAST**

Hyung Sam Park, Ph.D., and Arnold Vedlitz, Ph.D., Institute for Science,
Technology, and Public Policy, Bush School of Government and Public Service,
Texas A&M University

10:30 to 11:30 a.m.

Stanbro

**ENGAGING COMMUNITIES TO PROMOTE HEALTHIER
COASTAL ENVIRONMENTS**

Moderator: Hanna Goss, NOAA Coastal Services Center

**VOLUNTEER WATER QUALITY MONITORING AND ITS IMPACT ON CHANGING
COASTAL COMMUNITIES**

Erin Jackson, Department of Marine Affairs, University of Rhode Island

**A NEIGHBORHOOD NON-PROFIT'S EFFORT TO IMPROVE HARBOR WATER QUALITY
THROUGH THE INTRODUCTION OF OYSTERS VIA SURFACE DISBURSAL**

Andrew T. Jay, Massachusetts Oyster Project for Clean Water

**SCIENCE IN AID OF A COMMUNITY ADAPTING TO AN UNEXPECTED NEW TIDAL INLET:
CHATHAM, MASSACHUSETTS**

Graham S. Giese, Provincetown Center for Coastal Studies; Theodore L. Keon, Town of
Chatham, Massachusetts; Mark B. Adams, Cape Cod National Seashore, National Park
Service

10:30 to 11:30 a.m.

Terrace

REDUCING RUNOFF TO IMPROVE WATER QUALITY

Moderator: Arlene O'Donnell, Eastern Research Group, Inc.

IT'S A SHORE THING – THE U.S. EPA NEW ENGLAND BEACH STRATEGY

Matthew Liebman and Caitlyn Hunt, U.S. Environmental Protection Agency,
New England

REDUCING SOIL AND NUTRIENT RUNOFF WITH CONSERVATION BUFFERS

Fred L. Snyder, Ohio Sea Grant Extension, Ohio State University; Steve Davis, Natural
Resources Conservation Service, U.S. Department of Agriculture; Ed Crawford, Division
of Soil and Water Conservation, Ohio Department of Natural Resources; Jeff Mitchell,
Farm Service Agency

Proceedings of Coastal Zone 09
Boston, Massachusetts
July 19 to 23, 2009

**BIOECONOMIC ANALYSIS OF NUTRIENT REDUCTION STRATEGIES IN THE LOWER
MISSISSIPPI RIVER BASIN TO ADDRESS HYPOXIA IN THE NORTHERN GULF OF MEXICO**
John V. Westra and Augustus Matekole, Louisiana State University