



Ecosystem Research and Coastal Management: Making the Connection at the Regional Scale

May 18-19, 2009
NOAA Science Center, 1301 East West Hwy
Silver Spring, MD

Agenda

Day One: May 18

- 8:00** **Pick up nametags and check in with security**
Please allow ample time for security – Light breakfast will be provided
- 8:30** **Overview and Logistics**
Robert Magnien/Vicki Schwantes, Center for Sponsored Coastal Ocean Research, NOAA
- 8:45** **Welcoming Remarks**
Jack Dunnigan, Assistant Administrator, National Ocean Service
- 9:00** **Round the Room Introductions**
- 9:10 – 10:15** **Early Morning Presentations**
- 9:10** **Challenges of Coastal Regional Ecosystem Research and Ecosystem Based Management in the Face of Climate Change**
Donald Boesch, President, University of Maryland Center for Environmental Science
- 9:35** **Innovative Approaches to Adapt Regulatory Authorities to Regional Scale Management of Coastal Ecosystems**
J. Charles Fox, Special Assistant to the EPA Administrator for the Chesapeake Bay and Anacostia River
- 10:00** **Building Regional Public-Private Partnerships for Implementation of Science-Based Conservation**
Anthony Chatwin, Director of Marine and Coastal Conservation, National Fish and Wildlife Foundation

10:15 **Break** – *Snacks and refreshments will be provided*

10:45 – 11:45 **Late Morning Presentations**

10:45 **The Evolution of Regional Ocean Partnerships**
Kristen Fletcher, Coastal States Organization

11:05 **New Approaches for Prioritizing, Implementing, and Transitioning Regional Coastal Ecosystem Research in Support of Regional Ecosystem Management**
Robert Magnien, Director, Center for Sponsored Coastal Ocean Research

11:25 **Results of Pre-Workshop Information Gathering Session**
William Nuttle, Eco-Hydrology

11:45 - 1:00 **Lunch** (*on your own*)

1:00 – 2:25 **Case Studies Highlighting Regional Ecosystem Research**
Panel discussion: Case study presentations (3 case studies, 20 mins each, 25 minute open discussion)
Moderator - Robert Twilley, Professor, Louisiana State University

Coral Reef Ecosystem Studies in Micronesia: Bridging Science to Management, Policy Development and Implementation

- *Scientist: Robert Richmond, Kewalo Marine Lab, University of Hawaii at Manoa*
- *Manager/Policy Maker: Noah Idechong, Speaker, Palau National Congress*

Managing Toxic Algal Blooms in the Gulf of Maine

- *Scientist: Don Anderson, Senior Scientist, Woods Hole Oceanographic Institute*
- *Manager: Darcie Couture, Director, Marine Biotoxin Monitoring Program, Maine Dept of Marine Resources*

Global Ocean Ecosystem Dynamics – Northwest Atlantic

- *Scientist: Cabell Davis, Senior, Scientist, Woods Hole Oceanographic Institution*
- *Manager: David Mountain, Retired, Northeast Fisheries Science Center, NOAA (David Preble, New England Fisheries Management Council (NEFMC) and John Pappalardo, Cape Cod Commercial Hook Fishermen's Association, NEFMC have collaborated, but unable to attend)*

2:25 **Instructions for Breakout Groups, Q & A**
William Dennison, Integration and Application Network, University of Maryland Center for Environmental Studies

2:40 **Break** – *Snacks and refreshments will be provided*

3:00

Breakouts

Breakout Group #1: Setting Research Priorities

Location: NOAA Science Center

Breakout Lead: Heath Kelsey, EcoCheck (NOAA-UMCES Partnership)

Breakout Group #2: Research Oversight and Guidance

Location: NOAA Auditorium

Breakout Lead: Tim Carruthers (IAN, UMCES)

Breakout Group #3: Transition of Research to Management Application

Location: NOAA SSMC4 1W611

Breakout Lead: Bill Nuttle (Eco-Hydrology)

4:30

Report out and Wrap up

4:45-5:45

Networking Hour - *Light appetizers and refreshments will be provided*

Day Two: May 19

8:00

Pick up nametags and check in with security

Please allow ample time for security – Snack and Refreshments will be provided

8:30

Synthesis Panel – Recap of Day 1, Overview of Day 2

- *Robert Bailey, Manager, Oregon Coastal Management Program*
- *Frank Dawson, Assistant Secretary for Aquatic Resources, Maryland Department of Natural Resources*
- *Bryon Griffith, Director, Gulf of Mexico Program, EPA*
- *William Dennison, Integration and Application Network, University of Maryland Center for Environmental Studies*

8:40 – 9:20

Early Morning Presentations

8:40

Joint Ocean Commission Initiative Recommendations in Regard to Ecosystem Based Research and Management

Laura Cantral, Senior Mediator, Meridian Institute, Joint Ocean Commission Initiative

9:00

Creating a Culture of Ecosystem Thinking for Management

David Fluharty, University of Washington, School of Marine Affairs

9:20 - 10:15

Case Studies Highlighting Regional Ecosystem Research

Panel discussion: Case study presentations (2 case studies, 20 mins each, 15 minutes of open discussion)

Moderator - Richard Batiuk, Associate Director for Science, EPA Chesapeake Bay Program Office

Addressing the “Re-eutrophication” of Lake Erie: Ecosystem Science and Management

- *Scientist: R. Peter Richards, Senior Research Scientist, Heidelberg University*
- *Managers: Gail Hesse, Ohio, EPA and Roger Knight, Ohio DNR Fisheries have collaborated, but unable to attend*

California Marine Life Protection Act – Developing a Network of Marine Protected Areas for California State Waters Based on “Best Readily Available Science”

- *Scientist: Steve Gaines, Director, Marine Science Institute, University of California Santa Barbara*
- *Manager/Policy Representative: Meg Caldwell, Senior Lecturer in Law, Stanford Law School, Executive Director, Center for Ocean Solutions*

10:15 **Break** – *Snacks and refreshments will be provided*

10:30-12:00 **Case Studies Highlighting Regional Ecosystem Research**

Panel discussion: Case study presentations (3 case studies, 20 mins each, 30 minute open discussion)

Moderator - Christopher D’Elia, Associate Vice Chancellor for Academic Affairs for Research and Graduate Studies, University of South Florida St. Petersburg

Scientific Program Management for Florida Bay and the Florida Keys

- *Scientist: Peter Ortner, Cooperative Institute for Marine and Atmospheric Studies, University of Miami*
- *Managers: David Rudnick, Everglades Division, South Florida Water Management District; Brian Keller, Office of National Marine Sanctuaries, NOAA*

Mississippi River Watershed/Gulf of Mexico Coastal Ocean Continuum

- *Scientist: Nancy Rabalais, Louisiana Universities Marine Consortium*
- *Manager: Bryon Griffith, Director, Gulf of Mexico Program, EPA*

Bering Sea Fisheries-Oceanography Coordinated Investigations (BS-FOCI), Southeast Bering Sea Carrying Capacity (SEBSCC)

- *Scientist: S. Allen Macklin, Pacific Marine Environmental Lab, NOAA*
- *Manager: Anne Hollowed, Alaska Fisheries Science Center, NOAA*

12:00 - 1:15 **Lunch** (*on your own*)

1:15 **Instructions for Breakout Groups, Q & A**

William Dennison, Integration and Application Network, University of Maryland Center for Environmental Studies

1:30 **Breakouts – Go to a different breakout than Day 1**

Breakout Group #1: Setting Research Priorities

Location: NOAA Science Center

Breakout Lead: Heath Kelsey, EcoCheck (NOAA-UMCES Partnership)

Breakout Group #2: Research Oversight and Guidance

Location: NOAA Auditorium

Breakout Lead: Tim Carruthers (IAN, UMCES)

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Breakout Lead: Bill Nuttle (Eco-Hydrology)

3:15 **Break** – Snacks and refreshments will be provided

3:30 **Report out**

4:00 **Synthesis Panel**

- *Robert Bailey, Manager, Oregon Coastal Management Program*
- *Frank Dawson, Assistant Secretary for Aquatic Resources, Maryland Department of Natural Resources*
- *Bryon Griffith, Director, Gulf of Mexico Program, EPA*
- *William Dennison, Integration and Application Network, University of Maryland Center for Environmental Studies*

4:30 **Plans for Workshop Report and Final Thoughts**

Rob Magnien, Director, Center for Sponsored Coastal Ocean Research, NOAA

4:45 **Adjourn**

Additional Workshop Support Provided by:

