

Council Member Ongoing Development (CMOD) Meeting Ecosystem-Based Fisheries Management and Ecosystem Approaches to Fisheries Management

November 15-16th, 2022
Renaissance Denver Downtown City Center Hotel
918 17th Street, Denver, Colorado 80202

Final Agenda

This meeting is funded through support from the Regional Fishery Management Councils in partnership with NOAA Fisheries.

Workshop objectives

The first CMOD workshop will focus on New Approaches to Ecosystem-Based Fisheries Management (EBFM) and Ecosystem Approaches to Fisheries Management (EAFM) with a skills focus on effective development of successful motions. Through interactive presentations and discussions, workshop participants will:

- Explore the regional EBFM/EAFM approaches being developed and implemented across Council regions;
 - Consider the range of scientific inputs that support EBFM/EAFM and “on-ramps” for integrating this information into Council processes;
 - Explore tools being developed to help Councils understand ecosystem dynamics, assess risk, and explore tradeoffs;
 - Discuss challenges and opportunities for building long-term capacity to support EBFM/EAFM within Council processes; and
 - Consider the characteristics of a successful motion and share individual experiences relating to the process and “art” of scoping, crafting, and proposing effective motions.
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Pre-Meeting Reception - Monday, November 14th

6:00 – 9:00 pm

Welcome reception (light dinner)

Location: The Wright Room at Appaloosa Grill (535 16th Street, Suite 110)

Day 1: Tuesday, November 15th

All workshop sessions will be held at the Renaissance Denver Downtown City Center Hotel
Main meeting room Endurance/Beauty

7:30 – 8:30 am

Breakfast

Fisher Room (adjacent to meeting room)

8:30 – 9:00 am

Opening remarks and participant introductions

- *Katie Latanich and Kim Gordon, Meeting Facilitators*
- *Bill Tweit, Council Vice Chair, North Pacific Fishery Management Council*

9:00 – 10:30 am

Regional approaches to EBFM/EAFM

Objective: Explore each Council region's approach to EBFM/EAFM and establish a shared frame of reference for CMOD meeting discussions.

Representatives from each Council region will provide a brief **5–7-minute** overview.

North Pacific Fishery Management Council – *Diana Evans, Deputy Director*

Pacific Fishery Management Council – *Yvonne deReynier, NMFS West Coast Regional Office*

Western Pacific Regional Fishery Management Council – *Matt Seeley, Ecosystem Fishery Specialist*

Gulf of Mexico Fishery Management Council – *Lisa Hollensead, Fishery Biologist*

Caribbean Fishery Management Council – *Graciela García-Moliner, FMP and Habitat Specialist*

South Atlantic Fishery Management Council – *Myra Brouwer, Deputy Director for Management*

Mid-Atlantic Fishery Management Council – *Brandon Muffley, Fishery Management Specialist*

New England Fishery Management Council – *Andy Applegate, Senior Fishery Analyst and John Pappalardo, Council Member*

Discussion questions:

- What is distinctive about your Council's approach to EBFM/EAFM? What are the key issues and drivers for your EBFM/EAFM work?
- What is the value proposition of EBFM/EAFM in your region? How has integrating ecosystem information benefitted your Council's decision-making process and outcomes?
- What challenges have you faced in implementing EBFM/EAFM?

10:30 – 10:45 am

Break

10:45 – 12:00 pm

Integrating ecosystem information through single-species management

Objective: Explore how ecosystem considerations can be layered onto information inputs and decision points within the FMP/single-species management and ACL framework.

- Introduction to ecosystem information inputs and "on-ramps" – *Sarah Gaichas, Research Fishery Biologist, NMFS Northeast Fisheries Science Center*
- Ecosystem information inputs and single-species management in the North Pacific Fishery Management Council process – *Ebett Siddon, Research Fishery Biologist, NMFS Alaska Fisheries Science Center*
- Group discussion, regional examples and approaches

Discussion questions:

- How does your Council use and interact with Ecosystem Status Reports?
- What do you see as the opportunities and limitations to integrating ecosystem information through single-species management?

12:00 – 1:00 pm

Lunch

Interest Balcony (overlooking hotel lobby)

1:00 – 3:00 pm

Implementing EBFM/EAFM: The bigger picture

Objective: Explore approaches Councils are taking or considering to integrate ecosystem information and EBFM/EAFM principles through fishery ecosystem plans, including through fixed-duration projects, long-term planning, and/or FMP restructuring.

Part 1: Looking across Fishery Management Plans

- The evolution of EBFM and the Pacific Fishery Management Council's Fishery Ecosystem Plan and Initiatives – *Yvonne deReynier, Senior Resource Management Specialist, NMFS West Coast Regional Office*
- The Mid-Atlantic Fishery Management Council's Risk Assessment Approach – *Sarah Gaichas, Research Fishery Biologist, NMFS Northeast Fisheries Science Center*

Part 2: Restructuring Fishery Management Plans

- The New England Fishery Management Council's Draft Example Fishery Ecosystem Plan for Georges Bank and 2022 public information workshops - *Andy Applegate, Senior Fishery Analyst, New England Fishery Management Council*

Discussion questions:

- What are the issues and drivers prompting your Council to look beyond single-species management for opportunities to integrate ecosystem information?
- What are the reasons for taking a project-based approach to EBFM/EAFM (e.g., through modules or initiatives)? How do you identify and develop projects?
- What are the reasons for taking a longer-term or more comprehensive approach (e.g., long-term planning or FMP restructuring)?

3:00 – 3:15 pm

Break

3:15 – 5:00 pm

Skills focus: Developing effective motions

Objective: Explore the characteristics of effective motions and share lessons learned on how to effectively scope, develop, introduce, and speak to motions.

- Breakout sessions
- Group discussion

Discussion questions:

- From your perspective, what are the qualities of an effective motion?
- What experiences have helped you develop and refine your proficiency with Robert's Rules and making effective motions?

6:00 – 9:00 pm

Dinner

Location: Earls Glenarm (1600 Glenarm Place, Unit 140)

Day 2: Wednesday, November 16th

7:30 – 8:30 am

Breakfast

Fisher Room (adjacent to meeting room)

8:30 – 10:30 am

Navigating ecosystem change

Objective: Explore approaches councils are taking to monitor, respond, and plan for ecosystem change.

Part 1: Disruption and short-term impacts

- Red tide impacts to Gulf of Mexico fisheries, and community ecosystem workshops – *Mandy Karnauskas, Ecosystem Science Lead, NMFS Southeast Fisheries Science Center*
- Ecosystem drivers and the West Coast Dungeness Crab fishery – *Jessica Watson, Fishery Management Section Lead, Oregon Department of Fish and Wildlife; Pacific Fishery Management Council Member*
- Environmental drivers and impacts to Pacific Cod in the Gulf of Alaska – *Bill Tweit, Special Assistant to the Director, Washington Department of Fish and Wildlife; North Pacific Fishery Management Council Vice Chair*

Discussion questions:

- What are examples of changes and disruptions that impact your Council's managed species and marine ecosystems?
- How are you able to anticipate and respond through existing pathways (single-species management, EBFM/EAFM initiatives, and long-term planning?) What are the opportunities and the limitations of applying these tools?
- What additional approaches are Councils using to navigate ecosystem uncertainty and complexity?

10:30 – 10:45 am

Break

10:45 – 12:30 pm

Navigating ecosystem change (continued)

Part 2: Planning for the unknown

- The Pacific Fishery Management Council's Climate and Communities Initiative and climate change scenario planning process – *Corey Ridings, Pacific Fishery Management Council Member*
- East Coast Climate Change Scenario Planning Initiative – *Brandon Muffley, Fishery Management Specialist, Mid-Atlantic Fishery Management Council*
- Ecosystem science in a changing environment – *Andy Leising, Research Oceanographer, NMFS Southwest Fisheries Science Center*

12:30 – 1:30 pm

Lunch

Interest Balcony (overlooking hotel lobby)

1:30 – 3:15 pm

New sources of information and knowledge

Objective: Explore how Councils are incorporating new and diverse sources of information to inform future decision making.

- Stakeholder participation and developing conceptual ecosystem models for the Caribbean Fishery Management Council's Fishery Ecosystem Plan – *Graciela García-Moliner, FMP and Habitat Specialist, Caribbean Fishery Management Council; Michelle Duval, Mid-Atlantic Fishery Management Council Member*
- South Atlantic Dolphin-Wahoo Participatory Workshops - *Mandy Karnauskas, Ecosystem Science Lead, NMFS Southeast Fisheries Science Center*
- Additional regional experiences (e.g., Local Ecological Knowledge, Traditional Ecological Knowledge, citizen science, cooperative research, stakeholder engagement)

Discussion questions:

- What types of information and knowledge help create a more robust picture of your Council's ecosystem(s)?
- How does or how could this information inform your Council's work?

3:15 – 3:30 pm

Break

3:30 – 4:30 pm

Building long term capacity

Objective: Discuss how Councils can build long-term capacity to engage Council members and advance their ecosystem work.

4:30 – 5:00 pm

Wrap-up Discussion and Next Steps

Objective: Reflect on takeaways from the first CMOD meeting and provide feedback on the CMOD concept to share with the Council Coordination Committee.