

## Biogeography Program Review

**TUESDAY, JULY 23**

**1. Assemble (8:30-9:00)**

**2. Opening Session (9:00-10:00)**

- Welcome, Introductions, Purpose, and Charge (Steve Thur)
- Organizational Context, History, and Ethos (Mark Monaco, [Presentation 1](#))
- Program Review Structure, Schedule, and Roles (John Christensen)
- Clarifying Questions & Comments (All)

**3. Habitat Mapping | Capabilities & Case Studies (10:00 – 12:30)**

- Multibeam SONAR (Tim Battista, [Presentation 2](#)): Coral Reef Ecosystem Mapping
- Split-beam SONAR (Chris Taylor, [Presentation 3](#)): MC20 Oil Spill Assessment
- Unmanned Systems Technology (Bryan Costa, [Presentation 4](#)): Nearshore Mapping with UAS

**Business Break (11:00 – 11:15)**

- Ocean Remote Sensing (Michael Coyne, [Presentation 5](#)): Habitat Suitability Modeling
- Mapping Prioritization (Ken Buja, [Presentation 6](#)): Washington State Mapping Prioritization
- Mapping Links to Modeling and Biogeographic Assessment – Session 5 (John Christensen)
- Open Question-Answer Session (All)

**4. Lunch Break (12:30 – 13:30)**

*Lunch in Downtown Silver Spring ([Restaurant Options](#))*

**5. Biogeographic Assessment | Capabilities & Case Studies (13:45-15:45)**

- Primary Observation (Peter Etnoyer, [Presentation 7](#)): Deep Coral & Benthic Communities
- Ecosystem Monitoring (Chris Jeffrey, [Presentation 8](#)): NOAA National Coral Reef Monitoring Program
- Ecological Connectivity (Matt Kendall, [Presentation 9](#)): Telemetry & Animal Movements
- Predictive Modeling (Arliss Winship, [Presentation 10](#)): BOEM Marine Bird Distributions
- Social Science (Sarah Gonyo, [Presentation 11](#)): Human Use Mapping & Assessment in the Caribbean
- Biogeographic Assessment (Bryan Costa, [Presentation 12](#)): BOEM Main Hawaiian Island Assessment:

**6. Biogeographic Assessment | Closing Remarks & Question-Answer Session (All: 15:45-16:30)**

**7. Adjourn (16:30)**

**8. Executive Session – Review Panel Only (16:30 – 17:00)**

## WEDNESDAY, JULY 24

### 1. Assemble (8:30-9:00)

### 2. Opening Session (9:00-9:30)

- Welcome Back and Observations from Day 1 (Steve Thur)
- Reflections & Outstanding Questions from Day 1 (Mark Monaco)
- Review Day 2 Schedule (John Christensen)

### 3. Outreach, Distribution, Tools, and Technology (9:30-10:00)

- Publications | Peer, Memoranda, Books, and Standard Procedures (Tracy Gill, [Presentation 13](#))
- Web Presence (Tracy Gill)
- Map Services and Geospatial Tools (Ken Buja)

### 4. Partner Attestation | Informing Decisions (10:00-11:30)

- Jenifer Koss, NOAA Coral Reef Conservation Program
- Jeff Herter, Department of State, New York State
- Steve Gittings, NOAA Office of National Marine Sanctuaries
- Kevin O'Brien, Connecticut Department of Energy
- Ashley Chappell, NOAA Integrated Ocean and Coastal Mapping Program
- Ernesto Diaz, Puerto Rico Coastal Zone Management Program

### 5. Lunch Break (11:30 – 13:00)

*Lunch in Downtown Silver Spring ([Restaurant Options](#))*

### 6. Program Planning and Execution Processes (13:00-13:30)

- NCCOS Planning Process: Discretionary Program (Steve Thur)
- Partner Programs: NOAA Coral & Deep Coral, BOEM Environmental Studies (Mark Monaco)

### 7. Biogeography Program by the Numbers (13:30-14:00)

- Staffing Summary (John Christensen, [Presentation 14](#))
- Project Summary (John Christensen)
- 5-year Budget Summary | Appropriated, Transfers and Agreements (John Christensen)

### 8. Management Challenges (14:00-15:00; Open Discussion | Mark Monaco as Moderator)

- Personnel
- Financial
- IT Infrastructure
- Structural (organization)

### 9. Business Break (15:00-15:15)

### 10. Closing Remarks & Question-Answer Session (All: 15:15-15:45)

### 11. Adjourn (15:45)

### 12. Executive Session – Review Panel Only (15:45 – 16:15)

**13. Group Dinner (18:00-20:00)**

*Dinner in Downtown Silver Spring ([Restaurant Options](#))*

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**THURSDAY, JULY 25**

- 1. Panel (only) Deliberations and Initial Recommendation Development (Panel, 9:00-11:00)**
- 2. Business Break (11:00-11:15)**
- 3. Panel Presentation(s) & Summary to Program Leadership (Panel, 11:15-11:45)**
- 4. Thanks and Final Remarks (Steve Thur, 11:45-12:00)**

