

Final Report of the Mid-Atlantic Marine Wildlife Surveys, Modeling, and Data: Workshop to Establish Coordination & Communication

Appendix A: Workshop Agenda

July 2013

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Mid-Atlantic Marine Wildlife Surveys, Modeling, and Data: Workshop to Establish Coordination & Communication

Dates: July 24-25

Location:

NOAA's Silver Spring headquarters:
NOAA Science Center
1301 East-West Hwy, Silver Spring, MD 20910

July 24 - Science Center

8:00-8:30 – Arrival and check-in (please allow half an hour to go through security and sign-in)

8:30-8:45 – Welcome and Introductions

8:45-9:00 – Meeting Scope and Objectives

9:00-9:40 – Existing Data and Recent Survey Efforts

- Atlantic Seabird Survey Compendium (USGS) (Allan O'Connell)
- OBIS-SEAMAP (Jesse Cleary)
- CetMap (Jesse Cleary)
- Ocean Wind Power Ecological Baseline Study (NJ DEP) (Gary Buchanan)

9:40-10:10 – Current Survey Efforts – Part 1

Section 1: Regional Scale Efforts

- AMAPPS (Debi Palka)
- BRI Baseline Ecological Survey of the Mid-Atlantic (Kate Williams)
- FWS Sea Duck Surveys (Emily Silverman and Jeffery Leirness)

10:10-10:25 – Break

10:25-11:05 – Current Survey Efforts – Part 2

- Broad-Scale Seabird Studies (Richard Veit)
- Stantec Avian and Bat Surveys (Steve Pelletier)
- Mid-Atlantic Marine Mammal Surveys (William McLellan)

11:05-12:00 - Current Survey Efforts – Part 3

Section 2: State-Scale & Project Scale Efforts

- URI Aerial and Boat Surveys of RI and MA (Kristopher Winiarski)
- MA Clean Energy Center Surveys, S. of Nantucket and Martha's Vineyard (Richard Veit)
- VA CZM Large Whale Surveys (Mark Swingle)
- VA/MD Section 6 Sea Turtle Surveys (Mark Swingle)
- Navy Integrated Comprehensive Monitoring Program (ICMP) (Bob Gisiner)

12:10-1:00 - Lunch (on your own)

1:00-1:20 - Discussion: What other survey projects are we engaged in or aware of?

1:20-1:50 - Structured Discussion: Mission of survey efforts

- What is the end goal of these survey efforts?
- How can models and data systems best facilitate these end goals?
- Offshore wind NEPA review: What sorts of baseline data and model output are needed?

1:50-3:30 - Structured Discussion: Survey methods, design, and coordination

- Methodologies for collecting data (including issues such as: cross-platform comparison, detectability, capturing appropriate spatial and temporal scales of variability)
- Coverage and coordination for Wind Energy Areas and other potential sites of near-term offshore wind development
- Capturing appropriate information to detect, define, and improve understanding of hot-spots/cold-spots
- Survey designs for focal taxa: Optimal methodologies by taxa? Ways to optimally combine methods to take data on multiple species simultaneously?

3:30-3:45 – Break

3:45-5:00 – Opportunity for unstructured coordination discussions

July 25

8:00 – Arrival (please allow half an hour to go through security)

8:30-8:45 – Welcome and overview of the day - Science Center

Track 1: Modeling - Science Center

9:00-10:45 – Introduction to existing modeling efforts

Existing Modeling Efforts

- NOAA Biogeography (Brian Kinlan)
- Modeling Efforts at URI (Kris Winiarski)

Existing and Upcoming Modeling Efforts

- Modeling Efforts at Duke (Jesse Cleary)
- How the Navy Utilizes these Derived Products: OBIS SEAMAP, CetMap, and others (Anu Kumar)
- Modeling Efforts at North Carolina State (Beth Gardner)

Upcoming Modeling Efforts

- BRI Baseline Ecological Modeling of the Mid-Atlantic (Beth Gardner)AMAPPS (Debi Palka)

10:45-11:00 – Break

11:00-11:30 – What other modeling efforts are we aware of? What methodologies are they using? What is their geographic scope?

11:30-12:30 – Part 1: Modeling discussion

- Discussion of identified modeling challenges
- Dealing with different results from different models. Methods and metrics for evaluating differences in model outputs to help facilitate decision making.
- Approaches to best meet the needs of end users, particularly offshore wind end users

12:30-1:30 – Lunch

1:30-3:00 – Part 2: Continued modeling discussion

- Discussion of identified modeling challenges
- Dealing with different results from different models. Methods and metrics for evaluating differences in model outputs to help facilitate decision making.
- Approaches to best meet the needs of end users, particularly offshore wind end users

Track 2: Data Sharing and Repository Efforts – Room 9153

9:00-10:30 – Introduction to larger scale data repositories & portals

- Multipurpose Marine Cadastre (Daniel Martin)
- Atlantic Seabird Survey Compendium (USGS) (Mark Wimer)
- National Oceanographic Data Center (Krisa Arzayus)
- MARCO (Laura McKay and Jay Odell)
- OBIS-SEAMAP & OBIS-USA (Jesse Cleary, Mark Fornwall, and Philip Goldstein)

10:30-10:45 –Break

10:45-12:30 – Discussion on data accessibility and facilitating data exchange

- Data exchange: Who is interested, what would need to be considered, and what would the timeline for collaboration look like?
 - Potential to share data prior to public release
 - Standards for data sharing
 - Exchanging updated datasets
 - Protecting access to data over a spectrum of privacy needs (private to fully public)

12:30-1:30 – Lunch

1:30-3:00 – Meeting the needs of end users: What are we each currently doing? What are the challenges? How can we collectively improve?

- End-users of focus: modelers, offshore wind regulators, developers, and other stakeholders

Whole Group

3:20-4:00 – The intersection of database development and modeling efforts

- Reports from two tracks
- Ways in which to make the survey/database/modeling information exchange more effective

4:00-5:00 – Recap of workshop and discussion of next steps for coordination



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