

Developing Habitat Maps in New England With CMECS

NROC Habitat Classification and Ocean Mapping Sub-Committee Workshop

March 12th -13th, 2018

University Hall, 2nd floor, Classroom 2330

UMASS Boston

[100 William T Morrissey Blvd, Boston, MA 02125](#)

[Directions](#)

Day 1: Monday March 12th

Time	Session
8:30 – 9:00	Arrive & Networking
9:00 – 9:30	<p>Welcome, & Goals for the Workshop</p> <p>UMass Boston Welcome</p> <p>Goals and Outcomes for meeting:</p> <ul style="list-style-type: none"> ● Share updates of habitat mapping efforts in New England and the use of CMECS as a tool ● Increase awareness of methods to apply CMECS to a variety of habitat mapping data types ● Address challenges of using CMECS in New England environments ● Work to build CMECS-defined habitat maps that are regionally compatible ● Present habitat mapping and CMECS from a national perspective ● Continue to build a regional community among those developing CMECS-defined habitat maps and those utilizing such maps for management purposes
9:30 – 9:50	<p>Featured Presentation:</p> <p>Mapping Benthic Habitats from Classified Video Data</p> <p>Caitlin Ruby (NOAA)</p>
9:50 - 10:30	<p>Introductions - 1 min each</p> <p><i>Please share your name, affiliation, where are you working</i></p>

10:30- 10:45	Break
10:45 – 12:15	<p>Regional Information Exchange Panel</p> <p>Format: 8 minute presentations followed by 40 minute panel discussions</p> <ul style="list-style-type: none"> ● Dan Sampson (MA CZM) ● Larry Ward (UNH) ● Monique LaFrance Bartley (URI) ● Mark Borreli (UMASS Boston) ● Ivy Ozmon (ME Coastal Program)
12:15 – 1:15	Lunch - Cafeteria on Campus
1:15 - 2:00	<p>Dig- In Time: Videos and Photography</p> <p>Presentations (8 Min each)</p> <ul style="list-style-type: none"> - Adrienne Pappal (MA CZM) - Eliza Moore (Narragansett Bay Commission) <p>Open Discussion</p>
2:00 - 2:15	Break
2:15 - 2:45	<p>Dig-In Time - Using Trawl Data</p> <p>Presentation (8 Min):</p> <ul style="list-style-type: none"> - Todd Callaghan (MA CZM) <p>Open Discussion</p>
2:45 - 3:45	<p>Dig -In Time: TBD</p> <p><i>Ideas:</i></p> <ul style="list-style-type: none"> - <i>CMECS work around for New England: Modifying/expanding CMECS - for previously glaciated regions (i.e. New England), the biotic component</i> - <i>Challenges of working in estuarine environments</i> - <i>Reducing subjectivity within CMECS</i> - <i>Getting CMECS into Arc effectively</i> - <i>Using CMECS for analyses (e.g. statistical) - vs just for classifying units</i> - <i>Other?</i>

3:45 - 4:00	Day 1 Wrap-up
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Day 2: Tuesday March 13th

Time	Session
8:30 - 9:00	Arrive and Coffee
9:00 - 9:15	Recap of Day 1 and Goal for Day 2 Goal: Regional and national perspectives of CMECS and next steps
9:15 - 10:00	Featured Presentation Modernizing Foundational Resources for Coastal Management: Updated Mapping and CMECS Classification for Estuaries and Shorelands for Oregon and the West Coast Laura Brophy (Institute for Applied Ecology and Oregon State University)
10:00 - 10:45	Dig-In Time - Management Applications Open Discussion
10:45 - 11:00	Break
11:00 - 11:45	Dig-In Time - Regional Collaboration - Creating Compatible Maps, Other Ideas Open Discussion
11:45- 12:30	Lunch
12:30 - 1:00	National Picture: Habitat Mapping and CMECS Mark Finkbeiner (NOAA)

<p>1:00 - 2:00</p>	<p>National Picture: Sharing data needs, and products developed</p> <p>Ashley Chappell (NOAA), Daniel Martin (NOAA), and Kerby Dobbs (BOEM)</p> <ul style="list-style-type: none"> ● 3-D Nation Requirements and Benefits Study ● SeaSketch ● Regional and National Data Sharing ● RPB Update ● BOEM Mapping update
<p>2:00 - 2:15</p>	<p>Break</p>
<p>2:15 - 3:15</p>	<p>New England: How are we moving forward with sharing Habitat mapping best practices, and products?</p> <p><i>Discussion</i></p> <p><i>Questions to think about:</i></p> <ul style="list-style-type: none"> ● <i>Where do you turn when faced with a habitat mapping challenge?</i> ● <i>What is required to create regionally compatible products? What are the biggest challenges?</i> ● <i>If we had one more day to talk, what would you want to dig into with this group?</i>
<p>3:15 - 3:30</p>	<p>Wrap-up</p> <ul style="list-style-type: none"> ● Next Steps