

Oyster Integrated Mapping and Monitoring Program Workshop Agenda

**Guana Tolomato Matanzas National Estuarine Research Reserve
505 Guana River Rd, Ponte Vedra Beach, FL 32082
23-24 February 2017**

Goals:

The goals of this workshop include the following:

- Exchange of information regarding oyster mapping and monitoring programs within Florida, including comparison of methodologies and protocols
- Identify duplicate efforts, data gaps, and needs for future oyster mapping, monitoring, and management

Thursday, February 23rd

Outside food and bagged lunches are welcome, no food is provided.

12:30-1:15 pm Introduction to OIMMP and summary of oyster mapping and monitoring data

Ryan Moyer, Kara Radabaugh, and Steve Geiger, FWC

Attendee Presentations (12 min talk, followed by 2-3 min Q&A)

<u>Time</u>	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
1:15	Erica Hernandez , Ron Brockmeyer, Linda Walters, Andrea Noel, Nikki Dix, Kelly Smith, Todd Osborne, Joel Steward	St Johns River Water Management District	Preliminary oyster reef condition in NE Florida's Northern Coastal Basin and Northern Mosquito Lagoon
1:30	Nikki Dix , Pam Marcum, Matt Monroe	GTMNERR	GTMNERR oyster monitoring (2014-2016)
1:45	Emily Dark , Susan Laramore, Elizabeth Urban, Carolyn Sinacore, Emily Davidson, Erica Rose, Jeffrey Beal, Matthew Anderson	FDEP, Indian River Lagoon Aquatic Preserves	Investigation into the health of oysters (<i>Crassostrea virginica</i>) in natural and restored reefs across a latitudinal gradient in the Indian River Lagoon (IRL), Florida

2:00-2:15 pm Break

Attendee Presentations (12 min talk, followed by 2-3 min Q&A)

<u>Time</u>	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
2:15	Jaime Boswell , Judy Ott, Liz Donley	Charlotte Harbor National Estuary Program	CHNEP volunteer oyster habitat monitoring: methods for citizen scientists

2:30	Laura Geselbracht , Andrea Graves, Anne Birch	The Nature Conservancy	Oyster Reef Restoration at Trabue Harborwalk, Punta Gorda, Florida: 1 Year Post Installation Results
2:45	Jay Leverone	Sarasota Bay Estuary Program	Sarasota Bay oyster habitat mapping, monitoring, and restoration
3:00	Katie Konchar , Jacob Berninger, Maria Merrill, Kent Smith	FWC, Tallahassee	Oyster reef habitat restoration in St. Andrew Bay, FL

3:15-3:30 pm *Break*

Attendee Presentations (12 min talk, followed by 2-3 min Q&A)

<u>Time</u>	<u>Presenter</u>	<u>Affiliation</u>	<u>Title</u>
3:30	Stephanie Garvis , Melinda Donnelly, Linda Walters, John Weishampel, Nikki Dix, Erica Hernandez and Ron Brockmeyer	University of Central Florida	Intertidal oyster reef mapping projects in Mosquito Lagoon, the Northern Coastal Basins region and Apalachicola, FL
3:45	Andrea Noel , Nikki Dix	FDEP, NE FL Aquatic Preserves	Mapping oyster reefs using drones versus aerial photo
4:00	Loren D. Coen , K. E. Schulte and others	Florida Atlantic University	An overview of a comprehensive assessment of SC's intertidal oyster habitats using high resolution, multi-spectral digital imagery for management and restoration
4:15	Ray Grizzle , Krystin Ward	University of New Hampshire	Options for mapping subtidal and intertidal oyster reefs
4:30	Thomas Ries , Dianne Rosensweig	Scheda Ecological Associates	Rookery Bay NERR SAV/oyster mapping

4:45-5:15 pm *Conclusions from Day 1*

6:30-8:00 pm *Social upstairs at Frida Taqueria (12 Avenida Menendez, St Augustine, FL 32084)*

Friday, February 24th

Complete travel paperwork for attendees needing reimbursement during break (bring hotel receipts)

8:30-8:45 am Day 2 Introduction

Attendee Presentations (12 min talk, followed by 2-3 min Q&A)

<u>Time</u>	<u>Authors (presenter)</u>	<u>Affiliation</u>	<u>Title</u>
8:45	Laurie Rounds	NOAA Restoration Center	Gulf of Mexico Oyster Restoration: Deepwater Horizon Oyster Restoration Strategy

9:00	Gary Raulerson , Ed Sherwood, Kris Kaufman, Maya Burke	Tampa Bay Estuary Program	Tampa Bay Oyster Target Setting
9:15	Steve Geiger	FWC, St. Petersburg	Summary of the status of oyster mapping and monitoring in Florida: can we balance massive scale and fine precision and what should be our priorities?

9:30-10:15 am Regional breakout: Discuss available maps, identify existing mapping and monitoring programs and gaps

10:15-10:30 am Reconvene. Breakout groups report.

10:30-10:45 am *Break*

10:45-11:30 am Regional breakout: Modify boundaries, report card feedback

11:45-12:00 pm Reconvene. Breakout groups report.

12:00-12:15 pm Conclusion and future directions

Resources:

Coastal Habitats Integrated Mapping and Monitoring Program:

<http://ocean.floridamarine.org/CHIMMP/>

Seagrass Independent Mapping and Monitoring Program:

<http://myfwc.com/research/habitat/seagrasses/projects/active/simm/>

Oyster Restoration Workgroup

<http://www.oyster-restoration.org/>

<http://www.oyster-restoration.org/participants/participant-signup-page/>

Marine Resources GIS

<http://ocean.floridamarine.org/mrgis>

FWC GIS data downloads:

<http://geodata.myfwc.com/>

Registered Workshop Attendees (**remote attendees)

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