

Florida Coastal Mapping Program Workshop Agenda

January 9-11, 2018 Meeting

Florida Fish and Wildlife Research Institute, St. Petersburg, FL

**Note: There is a \$75 registration fee. Parking, lunch, and evening reception are provided.*

See list of hotels at the end of this document, there are no room blocks so attendees should feel free to find accommodations that fit their needs.

Meeting goals

1. Lay out the different regional mapping efforts that include Florida with an emphasis on the Gulf of Mexico
2. Vet the Technical Team's mapping footprint with participants – what is missing? (USGS volunteers will be on hand to help people entry additional information)
3. Get consensus around the 10-yr goals: minimum mapping units, etc. for three distinct focal areas for Florida mapping with a focus on decision support
 - a. Shore to 20m mapped at 1 to 100m² resolution
 - b. 20m to 200m mapped to 100 to 200m² resolution
 - c. Areas of critical importance mapped to between 1 and 10m² resolution
4. Develop a funding prospectus to achieve the above – with cost estimates – for high, moderate, low funding scenarios
5. Determine the appropriate role for FCMP going forward
 - a. Data/metadata repository (would likely need dedicated funds)
 - b. Hub for mapping coordination
 - c. Annual production of updated map product (by zone)
 - d. Storms working group (post-disturbance response and recovery)?

FCMP January 2018 Meeting Agenda Draft

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January 9: Intro to FCMP (afternoon only)

- 1:00 Opening presentation: overview of the vision & mission, presentation of FCMP organizational chart (Cheryl Hapke)
- 1:20 Importance of mapping to Florida (perspectives from two elected officials TBD)
- 1:45 Program purpose and need (Phil Kramer)
- The economic case for Florida mapping
 - Why just elevation (right now)?

- Identifying the link between elevation data and habitat mapping
- 2:05 Importance of mapping to FCMP partner agencies
- USGS
 - FIO
 - NOAA
 - DEP
 - ACOE
 - FWC
 - BOEM
- 3:50 Introduction to the new 3-D Nation Survey effort (Ashley Chappell/Paul Turner)
- 4:10 Description of the Technical Team efforts to assemble existing mapping data (Libby Fetherston-Resch)
- Technical Team process
 - Big picture goals and participants
 - Process of narrowing to minimum data standards
 - FWRI display portal
 - Presentation of the mapping gaps in
 - Shore to 20m
 - 20m to 200m
 - Areas of critical importance
- 4:40 Deep dive into areas of critical importance (Steve Murowski)

January 10: Prioritization tools and Break-out discussions (full day)

- 9:00 Overview of mapping success in other regions
- WA State/NOAA prioritization tool and NOAA mapping prioritization in the Southeast (Tim Battista)
 - The California Seafloor Mapping Program - History, Challenges, Applications, and Lessons Learned (Sam Johnson)
 - Overview of Seabed 2030 (Paul Turner/Ashley Chappell)
- 10:30 Break
- 11:00 Break out groups for the Shore to 20m; 20m to 200m; Areas of critical importance areas.
Morning objective: vet the FCMP effort to capture existing mapping coverage
- 12:30 **Lunch** with *Optional Working Lunch on Legacy Data in the 4th floor classroom*
- 1:30 Afternoon break-out group objectives (same groups: Shore to 20m; 20m to 200m; Areas of critical importance): regional scale prioritization; describe what it would take to fill in gaps in coverage over 10 years. NOTE: each breakout group will have a separate agenda

Items for consideration:

- Define important resources, who maps there and why.
- What sensors, what amount of effort, over what time, who might pay for it?
- Full mapping coverage or interpolate? Groundtruthing strategy?
- Is there a temporal component to mapping (best time of year for satellite images, multibeam surveys, etc.)?
- What is the desired re-mapping frequency?
- Is there a role for citizen science?
- What is the true cost per sq. km to map this area to minimum standards? (Note: FCMP could provide some generic cost for different sensors in the regions ahead of time)
- Draft a 10-year strategy to fill the gaps

** Group facilitators will produce a 2-page prospectus for their region to present at the morning session**

4:30 Regroup to discuss breakout group efforts, address concerns (Libby Fetherston-Resch)

6:00 Evening reception at the nearby Marine Exploration Center

January 11: Coordination and collaboration for Florida mapping (morning only)

9:00 Irma-specific coordination effort mini-session (Cheryl Hapke and Ashley Chappell)

10:00 Presentation of Prospectus document from each break out group (10 min + 5 min for Q&A)

- Shore to 20m
- 20m – 200m
- Areas of critical importance
- Group discussion of opportunities and challenges merging these goals and priorities into a single 10-year strategy

11:00 Discuss best role for FCMP going forward (alignment on what the program should do after this meeting and how to appropriately staff it)

- Coordinate the effort to secure a consistent, high quality bathymetric map of Florida's waters? What about producing this annually?
- Combine break-out group outputs into 10-year (or less) strategy to fill the gaps for Florida and determine next steps?
- Implement a formal prioritization process for mapping in Florida? Vet the output of this process with meeting participants?
- Develop a legislative strategy for securing funding?
- How best to staff this effort?
- Hub for mapping coordination (ex: post-disturbance response and recovery)

12:00 Meeting adjourns

FCMP January 2018 – Meeting Logistics

Where: Florida Fish and Wildlife Research Institute – 100 8th Ave. SE St. Petersburg, FL 33701

Cost: There is a \$75 registration fee. Parking, lunch, meeting reception, and coffee are provided.

Parking: FWRI has no visitor parking on site, and participants are encouraged to walk or take a shuttle from their hotel. Parking tags for the nearby USF-St. Petersburg parking garage will be provided for registered participants who require parking. You will need to pick one up at FWRI and then proceed to the garage and walk back to the Institute. This whole process takes 15 minutes, so please plan your time accordingly. Please contact Kevin Crank in advance if you will need a parking tag (kcrank@usf.edu).

Lodging: Both the Hilton and the Hampton Inn & Suites in downtown St. Petersburg are walkable and closest to the Florida Fish and Wildlife Research Institute. Some alternatives include: Hotel Indigo, Ponce de Leon, Hollander, and Staybridge Suites. These are also walkable or have a shuttle service.

Hilton St. Petersburg: 333 1st St SE, St. Petersburg, FL 33701

Phone: (727) 894-5000

Hampton Inn & Suites: 80 Beach Dr NE, St. Petersburg, FL 33701

Phone: (727) 892-9900

Hotel Indigo: 234 3rd Ave N, St. Petersburg, FL 33701

Phone: (727) 822-4814

Ponce de Leon: 95 Central Avenue North, St. Petersburg, FL 33701

Phone: (727) 550-9300

Hollander: 421 4th Ave N, St. Petersburg, FL 33701

Phone: (727) 873-7900

Staybridge: 940 5th Ave S, St. Petersburg, FL 33705

Phone: (727) 821-0777

Special Accommodations/Dietary Needs? Please let us know and we will do our best to accommodate.