

Bathymetric Data: Coastal Coupling Community of Practice (CC CoP) Mapping Priorities Kick-off seminar FAQ and link summary

Q: Can we get slides later? They're great.

A: Yes! The summary documents will be emailed out with the recording, the slides, the Q&A summary, and resourceful links.

Q: When developing hydrodynamic and object (e.g., sargassum, fishes) migration models (e.g., Gulf of Mexico), there is a need for a quality and updated bathymetric map that goes beyond the US EEZ. Any planned or ongoing program to couple bathymetric data from Mexico and Cuba for the Gulf of Mexico?

A: There is the Seabed2030 effort for global ocean and bathymetry. There are some products that extend past the EEZ into Mexican waters in the Gulf of Mexico.

Q: For many of us working on 'coastal' coupling, our areas of interest and major gaps extend much further inland than 20km. Do you have grids that cover longer estuaries that extend inland (maybe tidal river regions, too)?

A: Yes, that grid is entirely customizable. The Hydrologic Unit Codes (HUCs) and IWG-OCM regions maps can be configured to include the whole US, and offshore up to the EEZ. The grid used is the 3D elevation program's 10x10 km grid.

Q: Are you asking for a justification when creating priorities? This is much easier to organize now, and encourages broad participation while having an additional step to help filter and understand results. It sounds like you also want to know which group they work for/with in order to help interpolate these justifications.

A: Are you looking at the Google form? Yes, we are looking to delineate groups in the form as well. It is a dropdown menu question to submit a required justification with secondary and tertiary optional justifications. We also want to hear what you want the justifications to be! Some on the list may be more pertinent to your community, so hone in on which justifications that you would like to see, and please provide additional justifications if they're unlisted and pertinent to your program. The same goes for map product, and Drivers criteria options.

Q: One challenge that we see is gathering and compiling already existing data. For instance on the state level there are several initiatives performed or in progress to generate in-depth surveys of coastal and rivers which could inform this community. What is your suggestion on how to coordinate and access those data?

A: We are always shaking data out of the trees. We end up working with state agencies and ask for sharing and more. Feel free to reach out to us at iwgocm.staff@noaa.gov if you are looking for particular data. We can always look into helping you find it. We have state and local governments participating in these studies.

Q: Will it be possible to indicate how many projects the data would be used for within an organization to avoid under-weighting priorities by consolidating?

A: We generate heat maps of where the interests pile up. To avoid underweighting priorities, it would be best to have each project/program lead within the organization submit a prioritization.

Q: The CC CoP has 500 members. How many "representatives" do we need to identify?

A: Representatives should be selected from existing teams/programs/groups of people already working together and have common interests and priorities.

Helpful links:

IOCM seminars and other public coastal and ocean mapping events

<https://iocm.noaa.gov/about/iocm-events.html>

You can contact the IOCM Seminar host at

amber.butler@noaa.gov

You can contact the speakers at cathleen.yung@noaa.gov, ashley.chappell@noaa.gov, *and*

cristina.urizar@noaa.gov

Coastal Coupling Community of Practice

<https://www.weather.gov/watercommunity/>

coastal.coupling@noaa.gov

Progress report on unmapped U.S. waters

<https://iocm.noaa.gov/documents/mapping-progress-report2024.pdf>

IOCM Spatial Priorities Studies

<https://iocm.noaa.gov/planning/priorities.html>

3DEP

<https://www.usgs.gov/3d-elevation-program>

Please provide your feedback and it will be used to further tailor the survey parameters and options for our needs!

<https://forms.gle/GfcaWQ6CN8FmQ9Xt6>