



WEST COAST OCEAN DATA PORTAL

Portal Coordination Call
June 6th, 2018

Call Attendees:



- ▶ Present: Andy L., Kate S., Melissa R., John H., Joel S., Deanna., Tanya H., Jenn S.,

Agenda

RPB update (John Hansen)

Portal Development Update (Tanya)?

Bren Student Project Summary and product
hosting discussion (Andy)

BOEM Grant Scope of work development (Andy)

Member Updates

Regional Planning Body



Regional Planning Body

- Regional Vision: Definition and characterization of planning area focus. Last phases of review.
- Comments due to caucus co-chair by June 15.

OR/N. Cal Subregional Discussion

- Started with Tribal meeting in Coos Bay early this year. Focus is now on the determination of a sub-regional boundary. Southern Boundary was discussed, with tentative proposal to move forward with Cape Mendocino.
- Map product generated to help discuss the issue. Will be working to bring data/map over into WCODP.
- June 12-13 meeting of the tribal caucus – a 3rd day(14th) of the event is in early planning for an Oregon/N. Cal team.

Subregional Planning Teams

- WA SRPT – Working on Data catalog development for WA effort.
- Coordination of Tribal entities is ongoing to ensure participation
- June 19th, 2018 next call to focus on review of data, with guidance on input and feedback for moving forward on development of resources to support the team.

Portal Development Team Update

ESRI Geoportal update

- Update made to development machine
- Users shouldn't notice a difference, except we may be able to connect to additional catalogs.

WAF of WAF's

- Web accessible folders – and scripts to re-harvest records of interest implemented.



Bren Student Project Products



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Locating Ocean Acidification Monitoring Gaps and Hotspots in the California Current

A UCSB Bren School of Environmental Science & Management Masters Thesis

Managing West Coast marine resources in the face of changing ocean chemistry

Since the industrial revolution, carbon dioxide has accumulated in Earth's atmosphere and in Earth's oceans, resulting in climate change and ocean acidification. Upwelling of deep ocean water on the West Coast results in nutrient rich waters and high biodiversity, but also makes the West Coast particularly vulnerable to ocean acidification. We have determined where protected areas and ocean acidification hotspots overlap, as well as where there are gaps in current monitoring, which are both key steps in exploring management options for how we can protect the West Coast's biodiversity and economies.

<https://resilienseas.weebly.com/>

Bren Student Project Products



Hi Andy,

We've completed the Story Map and uploaded the other deliverables to Google Drive in our shared 'Bren' folder under [Final Products](#). Here is another rundown of our deliverables and where we have made them available:

Client deliverables:

Aggregated West Coast catalog and geospatial maps of WCODP and partner OAH datasets *completed - in the 'Final Maps' folder; data and metadata in the 'Data' folder*

Gap analysis of OAH current monitoring network *completed - data and metadata in the 'Data' folder*

GIS visualization of the spatial relationship between OAH hotspots and MPAs *completed - in the 'Final Maps' folder*

Story map depicting the management challenges of maintaining resilience in coastal ecosystems in an era of changing ocean conditions and how OAH hotspot correlation with MPA location will help inform management approaches. The story map will include the key data sets and tools used for analysis, and a suite of management options for consideration *completed - in the ArcGIS online account [here](#) (Not public yet... needs work)*

A concise project fact sheet, updated throughout the project, to be used for outreach and status updates *completed - in the 'Final Products' folder*

Presentation to various partners of WCODP in Fall of 2017 on project progress and current state of research *completed*

Additionally, we included copies of our final report, poster, project brief, and presentation slide decks in the 'Final Products' folder. The code for our analysis is available as R Markdown documents in the 'Code' folder and on our GitHub website (resilienseas.github.io). The code and data that we used are also available for access through our [GitHub repository](#).

BOEM Funding Work

► Development of a scope of work for the FY 2018 federal budget allocation



Basic Operation and Maintenance (Annual)

Web hosting is the single most important operations cost that ensures “the lights stay on” for the WCODP.

- Includes
- WCODP infrastructure,
 - West Coast Marine Debris Database and
 - Climate Change Funding Catalog.

Web Hosting Servers: \$13K
Software Updates and Server Maintenance: \$7K



Coordination and Outreach (Annual)

The Coordinator conducts outreach, administers the WCODP, manages grant deliverables, and strengthens partnerships. Organizes Portal Coordination Team, Portal Development Team, and WCODN.

WCODP Project Coordinator:
.5FTE = \$40, 1FTE = \$80K
Annual Network Meeting (travel and accommodations): \$15K



Use Case Expansion and Development

The “use case” approach has proved to be a highly successful technology development method that involves users at the very beginning of the process to understand needs for data and tools.

Ex) Marine Debris Data Viewer Use Case.

Use Case: \$80K
Data Development: \$50K

Basic Operation and Maintenance Support

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Sailing over Internet of Things seas (BWTech, 2017)

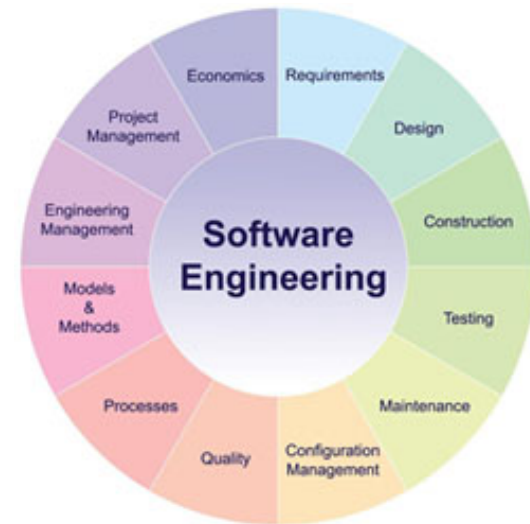
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BOEM Funding Action Items:



Develop Scope of Work for funding allocation

Work with BOEM and SSCWRP to arrange funding agreements

Develop RFP for a WCODP Coordinator at .5 FTE

Prioritize list of system enhancements