

IOOS RA DMAC Workshop Briefing Guidance Document

SCCOOS

IOOS RA Data Management Priorities

	Descope	Full (4M)
ECOSYSTEMS		
Gliders - Maintain and upgrade (to include USC gliders)	0	2
CalCOFI - Show CalCOFI lines and link directly to data - (1mo. leverage CalCOFI programmers)	1	1
ROMS Model Output - (same visualization for NCOM)		
WATER QUALITY		
Automated Shore Stations - Maintain and create SOS	1	1
HABs - Maintain and upgrade (statewide and marine mammal layer) - 3mo.	2 (no marine mammal layer)	3
Manual Shore Stations - Maintain and create new ingest interface	1	1
Plume Tracking - (add qty. 3-5 more sites)	0	2
Ship Casts - Bring Bight quarterly water quality data online	0	1
Shoreline Water Quality - Integrate State Water Resources Control Board (SWRCB) site	0	0.5

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MARINE OPERATIONS	Descope	Full (4M)
Wave Conditions - Maintain and upgrade to interactive model - THREDDS (leverage with cdip programmers)	0	0
Surface Current Mapping – Maintain common application programming interface (API), THREDDS server, and integrate into NOAA National Weather Service portal	0.5	0.5
ONGOING		
Bathymetry - Maintain	0	0
Meteorological Observations, Ship Tracking, Surface Current Mapping, Satellite Imagery, Winds and Rainfall - Maintain (with no upgrades)	1	1
Pier Pages - Finalize Pier Pages	1	1
Respond to user requests	1	1
IOOS Services - participate in national efforts and overall data management	1	2

IOOS RA Data Management Challenges

- Joint Strategic Advisory Committee (JSAC), Board of Governors (BOG), Stakeholder Priorities focus on Products
- Staffing Limitations
- Metadata knowledge/information on non-sccoos datasets
- Service complexity and actual usage. Many users prefer products or data download to services.

How can the IOOS Office Assist your RA?

- List 3 ways that IOOS Office could help facilitate DMAC advances in your RA?
- Increased funding.
- Recommend existing protocols and efforts rather than adopt new standards.
- Serve as facilitators between the regions. Encourage technical exchanges through the use of webinars, listserv, etc.

How can the IOOS Office Assist your RA?

- Create a glossary of Regional definitions (i.e. what constitutes data (*raw voltage, derived variable, synthesized product, etc...*), what is an asset (*sensor, platform, station, etc..*), asset classification (*fixed, mobile, hand sampled, model output, etc...*))
- Interface and advocate for efforts such as QARTOD that promote quality control.
- Define “free from” liability language