

IOOS Common Products Initiative Working Session #1

September 12, 2013
US IOOS Program Office
Silver Spring MD

Overview

Purpose: to identify common products - national or super regional - build efficiencies, learn from one another, demonstrate national capacity.

Background: Product Development Workshop – 2010 Ann Arbor MI, DMAC Coordinators

Steering Committee: Derrick, Rob, Debra, Jenn, Matt, Josie

Process: 2 working sessions planned:

Working Session #1 – Today with regional DMAC coordinators

Working Session #2 – November at IOOS Fall Meeting

Outcome - a “White Paper” that captures discussions and recommendations for moving forward

Today's Session

- Seeking input from this community
 - Your professional expertise on suggested projects
 - Scope possible projects
 - Need – is product relevant to national priorities? Super-regional priorities?
 - technical and scientific issues,
 - Feasibility (is it relatively easy to implement? Need significant work to implement?)
 - Would it require additional expertise (beyond IOOS community?)
 - Needed resources - personnel, time, financial
 - Other
- RA website survey - Aric Bickle
- Working Groups

Product Definition – From BOP

Level 1: Raw data – delivery of minimally processed data or model output to “super”users. (e.g., HFR data for SAR; data sent to NDBC; data used by agencies for model input for fisheries, etc).

Level 2: Processed information or data - display of real-time data, posting of information with minimal processing (e.g., posting of real-time data from buoys).

Level 3: Data Visualizations (charts, graphs, graphic displays, phone apps, etc.)

Level 4: Decision-support tools (DST)- information tools developed to fulfill specific decision-making needs (e.g., alerts, Huron/Erie modeling output of public health officials, harbor warning systems)

Charge to the Working Groups

- #1 - Modeling Trajectories and Visualizations of models/observation comparison - Derrick and Matt, leads
- #2 - Climatologies and Integrated National Products for IOOS variable – Josie and Charly, leads
- #3- Innundation - Rob, lead
- #4 - National products
 - Water quality index
 - Filter on the IOOS asset map?
- #5 - Other

Charge: Scope possible projects

- Need – is product relevant to national priorities? Super-regional priorities?
- technical and scientific issues,
- Feasibility (is it relatively easy to implement? Need significant work to implement?)
- Would it require additional expertise (beyond IOOS community?)
- Needed resources - personnel, time, financial
 - Build on IOOS services
 - Is someone else doing this?
 -