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
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?