IOOS Summit
A New Decade for an Integrated and Sustained Integrated Ocean Observing System
November 13-16, 2012 | Hyatt Dulles, VA

PAUL DIGIACOMO
IOOS SUMMIT CO-CHAIR

Day 4
November 16, 2012
Giving Thanks

- Steering Committee, Program Committee, Writing Teams and Report Editors, IOOC Staff, Plenary speakers, Panel Members and Moderators, Meeting Coordinator, Fellow Co-Chairs, Reception Sponsors, and all of YOU!

We are...IOOS!
Where we are going....
Data and Science Enable an Informed View of Risk
Building a Marine Life Observing System: Tracking Animals Should be Part of IOOS

TAGGING OF PACIFIC PELAGICS

Marine Life Observing Animal Tracking Networks & IOOS
An Integrated System. Some Key Characteristics

- Local to Global
- Public (17 Fed agencies), private, & academic sectors
  - Physical, Chemical, Biological, Ecological
- Observing; modeling & analysis: data management & communications
  - Supports evolving user needs:
    - Scientific findings
    - Operational products
    - Educational products
    - Public policy and decision-making
- Research to Operations and vice versa (Research and Operations)

A system that can identify & quantify the drivers of ocean change across time scales from seconds to centuries, drivers that include meteorological, terrestrial, human; and further, how these changes will affect humans.
The Way Forward: High Level Recommendations for the Next Decade

IOOS, in its past and current structure depends heavily on federal support, has an evolving governance model, and must continue to be sensitive to and supportive of new methods and technologies. This panel will stimulate discussion and thoughts for recommendations on the way forward.
Breakout Session 2: Addressing User Needs

1) Designing the Observing System to Address Gaps
   Session Lead: Harvey Seim

2) Stakeholder Engagement
   - Session Leads: Molly McCammon, Chris Ostrander

3) Integration through data management
   - Session Lead: Charly Alexander

4) Beyond Chlorophyll: Expanding the biological component of IOOS
   - Session Leads: Tom Malone, Sam Simmons

5) Education and Outreach
   - Session Lead: Chris Simoniello
1) Planning for a Multi-Regional Systems Integration Pilot Project
   - Session Leads: Michael Bruno, Scott Glenn, Chris Mooers

2) Integrating Across Regional, National and Global Scales
   - Session Leads: Paul DiGiacomo, Jan Newton

3) Emerging Technologies
   - Session Leads: Joe Swaykos, Tom Johengen

4) Advancing Development of a Business Model
   - Session Lead: Justin Manley

5) Advancing IOOS through Advocacy (Luray C)
   - Session Leads: Staci Lewis, Chris Cohen, Molly McCammon
Day 4

- Day 4 will review the results of the Day 3 Breakout sessions (next)
- Discussion of Post-Summit Actions and vision for next year, especially finalizing Summit Report, release of Summit Declaration, and other next steps
- Reactions to the Summit: Panel Discussion
- Closing Remarks
Day 4

Updated schedule:
10:30-10:45  Break
10:45-11:15  Vision for Next Year and Q&A session with Co-Chairs
11:15-12:15  Reactions to Summit Panel
12:15-12:30  Closing Remarks; Adjourn
Summit Declaration

INTERAGENCY OCEAN OBSERVING COMMITTEE
INTEGRATED OCEAN OBSERVING SYSTEM

IOOS SUMMIT 2012 DECLARATION

Background

In the United States, critical decisions affecting our lives, livelihoods and quality of life depend on accurate and reliable scientific ocean information. U.S. Integrated Ocean Observing System (IOOS®) is a coordinated national and international network of observations, data management and communications and modeling. The value of U.S. IOOS lies in providing the knowledge needed by society to protect life and property, to sustain a growing economic vitality, and to advance quality of life for all people. IOOS is a national endeavor that is endorsed by federal agencies, academia, industry and NGOs; and is a partnership at the national and regional levels through the federal agencies and the IOOS Regional Associations. The

/s/ Dr. Eric Lindstrom
/s/ Dr. J. Ru Morrison
/s/ Dr. Jan Newton
/s/ Dr. Paul DiGiacomo

IOOS Summit Co-Chairs
“Make it so!”
Summit Recommendations

- Recommendations as provided in Summit draft report chapters; associated feedback received by 26 November
- Recommendations that have emerged from Summit plenary, panel discussions and breakout groups
- These latter recommendations will be incorporated into a new chapter of the revised Summit report (see next)
Summit Report

- Comment period on current version of Summit Report end 26 November 2012.

- Revised Summit Report will be posted/announced via email on 30 January; “show-stopper” comments (only) due by 5 February 2013

- Final Summit Report will be posted on 15 February 2013
Post-Summit Actions & Activities

- Summit Presentations will be posted on-line soonest
- IOOS Summit Community White Papers will be finalized and posted by end of December 2012
- Independent Cost Estimate will be briefed to Congress, complemented by release of IOOS Summit Report by early next year
- Broad Socialization of the IOOS Summit, including the Report and the Declaration, worked internal/external to agencies (IOOC et al.)
- Recommendation follow-up and action-oriented engagement with appropriate entities