

## **SESSION: Discussion: Engagement with the IOOC**

*Discussion Lead: Laura Lorenzoni, IOOC Ex Officio Member*

### **Topics for Discussion:**

- *Update: Community Feedback following OceanObs '19*
    - Read-Ahead:
      - [RCN Action Tracker](#)
      - [OceanObs'19 Recommendations](#)
  - *Metrics Task Team*
    - Read-Ahead:
      - [Metrics for Ocean Observing Systems \(MOOS\) Report](#)
  - *Social Science Task Team Proposal*
    - Read-Ahead:
      - [Social Sciences Task Team Draft Proposal](#)
  - *BIO-ICE Task Team*
    - Read-Ahead:
      - [BIO-ICE Task Team Scope of Work](#)
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### **Discussion Guide:**

- **OceanObs'19:** Recommendations developed at OceanObs'19 and through the Community White Papers focused on how the community meets future user needs (information), improves the delivery of products across the globe (interoperability), advances technology and services (innovation), and balances needs, capabilities, and knowledge worldwide (integration). Some recommendations were subsequently adopted by various community working groups and developed into short-term action items at the OceanObs RCN Meeting. The IOOC would like the IOOS FAC to provide guidance on high-level projects and/or synthesis models to further converge the outcomes of OceanObs'19 into tangible products.

#### Questions:

- Do you believe the National Ocean Partnerships Program (NOPP) is a good model to move the outcomes of OceanObs'19 forward?
  - How can we garner multi-sectoral support for these activities?
  - How community can develop proposals?
  - Do you have any other processes/mechanisms to suggest?
- **Metrics for Ocean Observing Systems (MOOS) Task Team:** The IOOC has recently extended their MOOS Task Team. Initially, the team identified an audience and goals and developed a suite of measurable and repeatable pilot metrics for three ocean observing themes. These metrics are summarized in the report *Measuring the Performance of Ocean Observing Systems: Pilot metrics for sea level rise, ocean acidification, and harmful algal blooms*.

The extension of the Task Team will be to ensure the foundational metrics work is built upon and transitioned into sustained efforts. The extension will allow the team time to pursue the following actions: 1) Test Repeatability, 2) Expand Pilots, 3) Solicit Feedback, 4) Examine Resources, 5) Provide Recommendations.

#### Questions:

- The MOOS team is considering how to ensure the metrics are valuable to the ocean observing community and to decision-makers. In light of this:
  - Are there specific people/programs that may benefit from learning about the metric work?

- Do you have suggestions for demonstrating the value of metrics?
- How would you recommend translating the metrics collected into meaningful policy or programmatic decision?
- How do we envision sustaining and communicating appropriate metrics over the long term, e.g., should some pilot metrics (which ones?) become "operational" (whatever that means)?
- As the MOOS team works to expand their pilot metrics, they are beginning to collect hurricane metrics.
  - Can you recommend any individuals who would be helpful in establishing the new hurricane metrics?
  - How can they ensure hurricane metrics represent the capabilities of multiple agencies?
  - Are there specific gaps or challenges related to hurricane observations that would be both feasible and valuable for the MOOS team to explore?
  - IOOS is making the case that improved observing activities will in turn improve hurricane "measures/metrics" (e.g. hurricane intensity forecasting, safety of lives and property)? What relationships have to be strengthened in order to realize this linkage?
- Do you have any other general recommendations regarding the process or value of collecting metrics?
- **Social Sciences Task Team:** The IOOC is considering the proposal for a future Task Team.

Questions:

- Do you agree with the scope and scale presented in the proposal?
- Do you have any suggestions on improving or expanding this proposal?
- Do you support the adoption of this Task Team?
- **BIO-ICE Task Team:** The Biology-Integrating Core to Essential Variables (BIO-ICE) Task Team was formally adopted during the IOOC's last membership meeting on May 18, 2020. As indicated in the scope of work, the task team will be comprised of two subgroups focused on Marine Mammals and Corals. The leads of each are currently working to finalize their scope of work documents. Once the documents are complete, the subgroups will formally solicit members and initiate activities outlined in the overarching scope of work.

Questions:

- Can you recommend any individuals who would be helpful in either subgroups?