Defining Essential, Executable Ocean Observing

OceanObs Research Coordination Network

Sunday, 16 February 2020 | 8:30am – 5:30pm // San Diego, California

Venue: *Hilton San Diego Bayfront, Room 500, Cobalt Level (One Park Boulevard, San Diego, CA 92101)*

Agenda

08:30 – Sign-in

09:00 – (20 mins) **| Welcome and Charge for Meeting [Room 500]**

a. RCN Context and Meeting Objectives (F. Muller-Karger) (5 mins)
b. UN Decade on Ocean Science for Sustainable Development (Updates) (M. Leinen) (10 mins)
c. Q&A (5 mins)

09:20 – (15 mins) **| Briefing from The National Ecological Observatory Network (NEON) [Room 500]**

a. Models for short-term achievements in Earth observing (T. Gulbransen)

09:35 – (45 mins) **| OceanObs Priority Initiatives – Part I [Room 500]**

a. Introduction and objectives (5 min)
b. Post-OceanObs'19 community action (3 mins each)
    - Integrated Ocean Observations - Coastal to Global (J. Barth)
    - Integrated Ocean Observations – Multidisciplinary (M. Cronin)
    - Governance (T. Tanhua)
    - Interoperability (J. Pearlman)
    - Data Integration with User Products (J. Hausman)
    - Tech Infrastructure (B. Howe)
    - Marine Debris (N. Maximenko)
    - HABs (C. Anderson)
c. Q&A (15 minutes)

10:20 – (10 mins) **| Breakout Introductions [Room 500]**

a. Goal of the sessions (E. Lindstrom, M. Visbeck, et al.)
    1. Anticipated goals of the OceanObs enterprise
    2. Focus on achievable tasks over 6-12 months & identify champions
    3. All sessions should discuss interoperability and best practices

10:30 – (15 mins) | BREAK & DISPERSE

10:45 – (75 mins) | Breakout Sessions I [Parallel] – ***Develop Specific Plans and Coordination Needs***

Impacts and Applications
- Marine Debris
- Harmful Algal Blooms
- Marine Extreme Events and Hazards

Ocean Observing Systems
- Air Sea Flux
- Deep Ocean
- Ecosystems and Biodiversity

Technology & Interoperability
- Tech Infrastructure
- Interoperability
- Powering OceanObs
- Other Technology Innovations

Governance & Engagement
- Governance
- Capacity Development
- Community Building/Ocean Partnerships
- Blue Economy

Data Management, Products, and Interoperability
- Modeling and Assimilation
- Open Data Science
- Data Integration with User Products
- Best Practices

12:00 – (60 mins) | LUNCH [ON YOUR OWN]

1:00 – (60 mins) | Breakout Sessions Report-out and Discussion [Room 500]

a. 5 min report-outs on each session (25 mins)
b. Sponsors feedback (10 min)
c. Q&A (15 min)

2:00 – (40 mins) | OceanObs Priority Initiatives – Part II [Room 500]

a. Post-OceanObs'19 community action (3 mins each)
    - Blue Economy (R. Rayner)
    - Powering OceanObs (C. Schmaus)
    - Deep Ocean (P. Heimbach)
    - Ecosystems and Biodiversity (M. Estes)
    - Open Data Science (C. Gentemann)
    - Capacity Development (A. Valauri-Orton, B. Arbic)
    - Community Building/Ocean Partnerships (J. White)
    - Modeling and Assimilation (S. Akella)

a. Q&A (15 minutes)

02:40 – (75 mins) | Breakout Sessions II [Parallel] – ***Finding commonalities, cooperation, and integration***

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- Marine Debris
- Harmful Algal Blooms
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- Ecosystems and Biodiversity

Technology & Interoperability
- Tech Infrastructure
- Interoperability
- Powering OceanObs
- Other Technology Innovations

Governance & Engagement
- Governance
- Capacity Development
- Community Building/Ocean Partnerships
- Blue Economy

Data Management, Products, and Interoperability
- Modeling and Assimilation
- Open Data Science
- Data Integration with User Products
- Best Practices

4:00 – (15 mins) | BREAK

4:15 – (45 mins) | Breakout Sessions Report-out and Discussion [Room 500]

a. 5 min report-outs on each session (25 mins)
b. Sponsors feedback (10 min)
c. Q&A (10 min)

5:00 – (15 min) Open Discussion [Room 500]

5:15 – (15 mins) | Summary and Next Steps [Room 500]

a. Review Major Outcomes (F. Muller-Karger)
b. Actions and Follow-on Activities (E. Lindstrom, J. Newton)
c. Concluding Remarks (M. Visbeck)

5:30 – Workshop Concludes

Meeting Spaces

Cobalt 501 A –8 – 16 people
Cobalt 501 B –8 – 16 people
Cobalt 501 C –8 – 32 people
Cobalt 520 – 8 – 32 people
Cobalt 500 – Theater seating for 100