Ocean best practices

VI

OBPS VI Workshop Summary

Key recommendations, common outcomes and lessons learned

A Community Workshop

19 themes

More than 500 active participants globally

Two weeks of sessions

THANK YOU

Early Career Ocean Professionals (ECOPs) affiliated with the Ocean Decade

Theme leads and co-leads,

and all participants

Why focus on establishing best practices?

- Promote efficient and effective operations

- Improve system interoperability

- Improve data comparability → increase accessibility and ease of use

- Provide certainty → promote sensor/hardware development

- Build trust → Higher funding success and streamlined regulatory approval

- Enable new people to engage from any region on the globe with a high probability of success

The goal of OBPS Workshop VI

To develop a framework/method for establishing best practices in ocean observing, and for gaining endorsement for these practices from the community

Sessions revealed an emerging ambition: to move toward global procedures and standards that can be formally documented through best practices guides

Recommendations for the Community

- BP should be implemented for broad benefit, considering the value chain for the required observations and weighing benefits and losses

- BP should be developed using co-design as a continuous, collaborative, iterative process involving all stakeholders

- BP should be standardised at necessary temporal and spatial scales

- A single best practice rarely is applicable globally and may need to be adapted locally to infrastructure availability and societal needs.

- Decision trees should be used in conjunction with BP

Created by the community
for the community

Recommendations for the Community

- BP should be accessible and provided in plain language to promote good quality data which should be FAIR

- The capabilities and practices of existing initiatives/programs provide valuable starting points for BP

- Operational needs in modelling and forecasting should be considered in developing BP - we need better, more collaborative links between industry, science, management and operations

Created by the community
for the community

Recommendations for the OBPS

- Ensure long-term stewardship of best practices after groups that develop them dissolve

- Help networks of communities link and develop strategies for interoperability

- Work on approaches to accurately tag, filter, and layer metadata information to easily guide users

- Continue to provide a platform where digital assets such as protocols can be open access and FAIR, and provide guidance on the possible endorsement processes available to the community

- Promote Community-Based Monitoring (CBM) and Citizen Science (CS)

Recommendations on Future Collaborations

- Community leaders should continue to promote communication platforms and workshops to be attended by experts and ECOPs from across the globe

- The community should plan for activities with a horizon beyond the Ocean Decade in a way that promotes integration between disciplines, with the goal of maximising societal benefits by strengthening the value chain from co-design to forecasting

It is up to community members to volunteer to lead these efforts and engage with the OBPS to motivate and establish processes to make these changes

Outreach and Capacity Sharing

- Capacity Sharing:
  - Capacity sharing is a two-way street
  - Bring best practices and standards into a harmonized international formal education curriculum that serves everyone
  - Help link the substantial informal education efforts conducted by all groups

- Provide support in different languages to facilitate local engagement and BP adoption

- Use a broad range of communication styles using innovative digital approaches

The Bottom Line

Protocols should service communities in different countries, and be simple and easy to be adopted by all ocean stakeholders

Discussion - Breakout groups

What are the priority recommendations for the community and for OBPS?

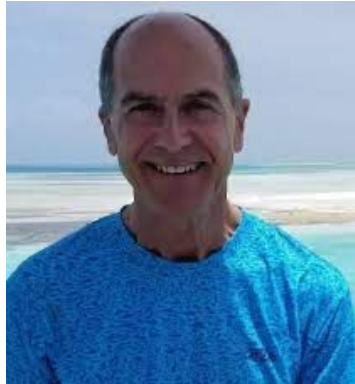What do you see as the biggest challenges moving forward?

The Bottom Line

Protocols should service communities in different countries, and be simple and easy to be adopted by all ocean stakeholders

Workshop Committee

Ben Roberts

Frank Muller-Karger

Paul van Ruth

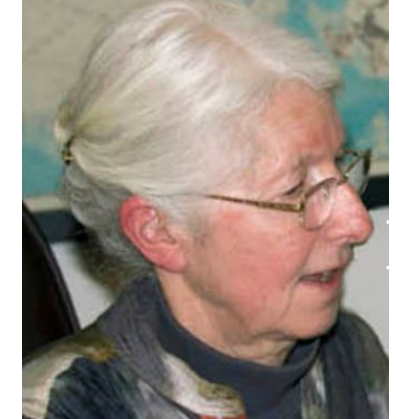Jay Pearlman

Rebecca Zitoun   Pauline Simpson   Aileen Tan Shau Hwai   Olusola Adeoye   Francoise Pearlman

Thank You for Participating

Ocean best practices

To learn more or submit your own best practice, visit
www.oceanbestpractices.org

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🐦 @OceanPractices