

UN Ocean Decade Forum as part of Monaco Ocean Week

22 March 2022

13h00 - 17h00

Primary Hosts: International Hydrographic Organization, Argo, Ocean Observing Co-Design Project

Secondary hosts: GO-SHIP/AniBOS/BOON/SOOPIP/OceanSITES

Overall objective: to bring together data providing networks and their users to better understand both the needs of the users and to communicate the needs of the networks.

Outcomes: to identify working groups that will develop short-term projects and activities to address articulated issues and needs.

Future plans: to continue this dialogue with a yearly meeting where the status of identified projects can be shared and discussed.

Background material:

Each observing network is asked to make two slides; one with their current status and one with challenges they face.

Each UN Decade activity is asked to provide a background presentation on their activities and plans.

These presentations should be sent to argo@ucsd.edu & mariana.rochadesouza@noaa.gov by **11 March** so that they can be shared with everyone prior to the Forum.

Preparation for Forum:

Each invited UN Ocean Decade Program or Project is invited to give an 8 minute presentation focused on:

- feedback to networks on present data stream and information service needs and gaps
- future data stream and information service needs
- Necessary accuracy and possible sampling strategies for appropriate parameters
- Ideas of short-term joint projects to address issues and possible task team members

Agenda for Forum:

1. Introduction from Argo
2. Introduction from GOOS & Ocean Observing Co-Design (E. Helsop, Ann)
3. Introduction from OceanPractices (P. Pissierseens)
4. Network Status Presentation [15 minutes?]

Deep Ocean Activities

5. Deep Ocean Observing Strategy
6. One Ocean Network for Deep Observation

7. The Nippon Foundation-GEBCO Seabed 2030 Project
8. EarthScope-Ocean: 300 MERMAIDS

20 minute discussion

BioGeoChemical Activities

9. Global Ocean Oxygen Decade
10. Ocean Acidification Research for Sustainability
11. Transformative Decade for the Global Ocean Acidification Observing System
12. Joint Exploration of the Twilight Zone Ocean Network

20 minute discussion

30 minute coffee break

Data collection and modeling

13. Digital Twins of the Ocean - DITTO (digital framework for all marine data)
14. ForeSea - The Ocean Prediction Capacity of the Future

15 minute discussion

Fisheries and Ecosystems

15. Fisheries Strategies for Changing Oceans and Resilient Ecosystems by 2030
16. Sustainability of Marine Ecosystems through global knowledge networks (SMARTNET)

10 minute discussion

Final discussion: 30 minutes

Concluding remarks and next steps