

Agenda

Today's workshop is the first step in the process to operationalize a comprehensive marine observing system for climate and environment on the Atlantic side of the Arctic Ocean. We begin with an overview of current activities and continue with group discussions to condense our joint priorities for the future system. Last, we will outline our work ahead, using the Arctic PASSION project lifetime to progressively put the plans into practice.

*Welcome to a productive day,
Arild Sundfjord, Marit Reigstad and Anna Nikolopoulos*

9:00 – 10:30 Part I – Presentations

- Background and aims of this workshop
- The Pacific DBO – Successful features and lessons learned
- Observational activities to build on and integrate across
 - Long-term monitoring in the Atlantic sector
 - Relevant shorter-term initiatives and projects

10:30 – 11:00 Coffee break

11:00 – 13:00 Part II – Break-out group discussions

Introduction to the four topics of discussion:

1. The purpose of the observing system – overarching goals including scientific questions and societal needs.
2. A purposeful and effective network – spatiotemporal requirements for the observational sites.
3. An Earth system approach – the variables needed for catching the ongoing changes.
4. Harmonized protocols for data sampling and sharing – which existing protocols can we build on and which data archives/portals are suitable.

Break-out session (60 min)

Summary of the group discussions

13:00 – 14:00 Lunch

14:00 – 15:15 Part III – Roundtable discussion

The way forward and means of collaboration. Establishment of:

- meeting cycle for joint planning and presentation of data,
- web tool for cross-institutional cruise planning,
- common protocols for data sampling, analysis and sharing,
- future organizational structure for a sustainable system.

15:15 – 15:30 Closing remarks