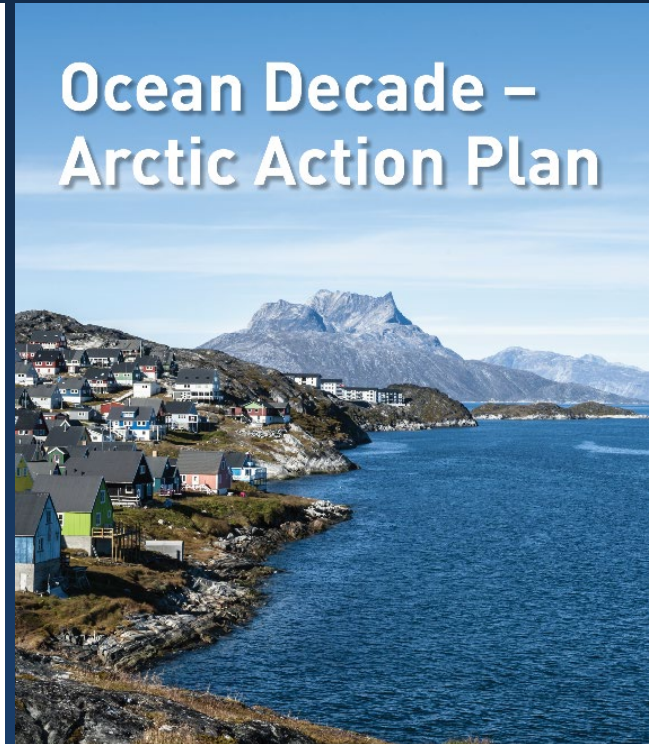
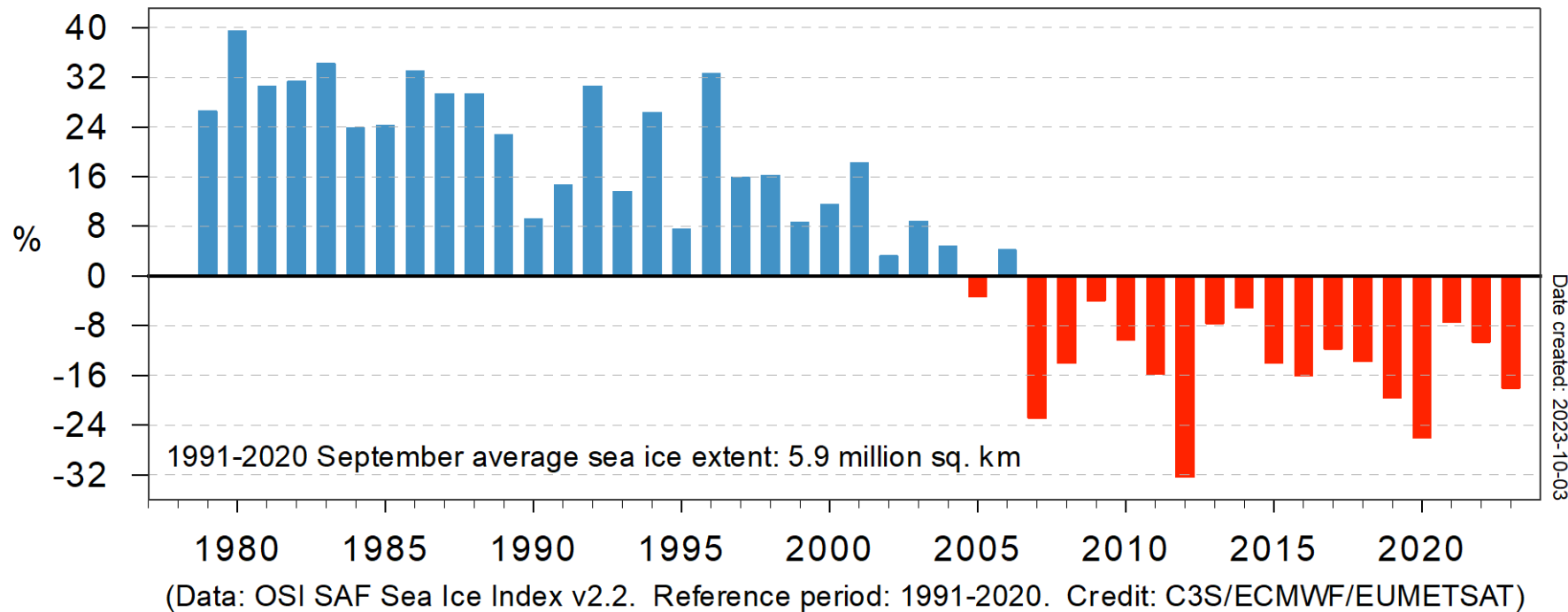




Marine Working Group – UNDOS Arctic Action Plan

The Arctic research community has published the Arctic Action Plan, in which the IASC plays a central role. In response to a request from the IOC, the IASC MWG has taken responsibility of stewardship the Action Plan. A proposal for an Arctic Regional Programme has been submitted to provide a coordinating office to support better coordination between existing groups, indigenous people, stakeholders and initiatives in the Arctic for the UN Decade.

September Arctic sea ice extent anomalies



PROGRAMME OF THE EUROPEAN UNION



Danish Center for Marine Research



2021-2030 United Nations Decade of Ocean Science for Sustainable Development

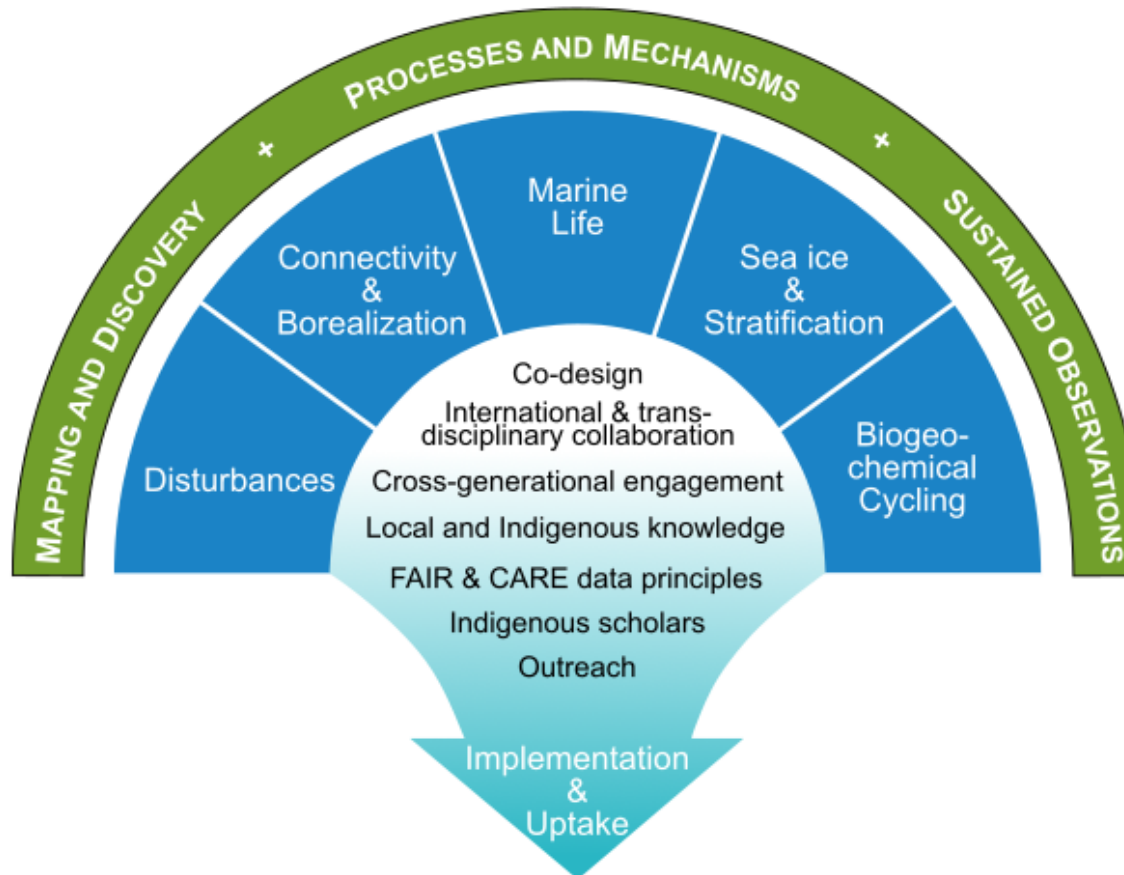
Marine Working Group – Strategic Plan

Priorities to support implementation of the UN DOS Arctic Action Plan and transdisciplinary research cooperation in the Arctic

UN Ocean Decade Challenges

- Challenge 1**
Understand and beat marine pollution
- Challenge 2**
Protect and restore ecosystems and biodiversity
- Challenge 3**
Sustainably feed the global population
- Challenge 5**
Unlock ocean-based solutions to climate change
- Challenge 6**
Increase community resilience to ocean hazards
- Challenge 7**
Expand the Global Ocean Observing System
- Challenge 10**
Change humanity's relationship with the ocean

A strategic plan for the Marine Working Group of the International Arctic Science Committee (IASC)



UN Ocean Decade - Arctic Action Plan

Research challenges

- Mapping and understanding Arctic ecosystem services (TS1)*
- Understand how anthropogenic pressures impact environmental health and resilience (TS2)*
- Understanding the Arctic ocean-climate nexus and ecosystem dynamics (TS2)*
- Coordinated sustained observations of the status and development of Arctic environments and pressures (TS3)*

Organizational challenges

- Collaborating and coordinating Arctic research and observations*

Predictability and Integrated Ecosystem Management