CBMP Freshwater: Coordinated monitoring and assessment of status and trends in circumpolar Arctic freshwaters
Governance structure

CBMP – Freshwater Steering Group

• FEC-analysis
• International Synthesis

National Freshwater Expert Networks (FENs)
Data and knowledge compilations, national analyses
Presentations:

Arctic Freshwater Plankton Response to Environmental Stressors on a Circumpolar Scale:
**Kirsten Christoffersen**, University of Copenhagen, University Centre in Svalbard

Circumpolar trends of diatoms
**Maria Kahlert**, Swedish University of Agricultural Sciences

Circumpolar analysis of lake macrophyte communities for setting the baseline for future assessment
**Seppo Hellsten**, Finnish Environment Institute

Biodiversity of benthic macroinvertebrates across the circumpolar region
**Jennifer Lento**, University of New Brunswick

Drivers of freshwater fish biodiversity depend on location and isolation in the circumpolar Arctic
**Sarah Laske**, US Geological Survey

Followed by an open-floor discussion
Discussion questions to address:

1. What is the response to the suggestion that climate change will have a positive effect on biodiversity in the Arctic?

2. How do we design monitoring plans to best detect changes in ecosystem services and biodiversity?

3. What is the role of forecasting? How do we provide tools that help managers make more informed decisions, based on what we predict will happen?
Further discussion questions:

1. What are some of the other disciplines that we could work with to improve freshwater biodiversity monitoring? Why is this interaction needed?
2. How can we simplify things freshwater monitoring to answer the big questions such as change in species distribution and circumpolar biodiversity trends and their environmental drivers?
3. How can we better incorporate Citizen Science efforts as well as Traditional Knowledge as an integral part of future circumpolar monitoring?
4. How do we ensure that monitoring and assessment of Arctic freshwaters is a priority in all countries?