

Metadata Details

Title

Long Term Environmental Monitoring of Fjord Ecosystems, Ny-?lesund

Science Keywords

Category	Atmosphere
Topic	Atmospheric Phenomena
Expedition Year	2019-2020
ISO Topic	Meteorology

Summary

Abstract

The proposed work is mainly focused on the Kongsfjorden and Krossfjorden ecosystems with following long term objectives 1. Water and sediment chemistry with respect to climate change in the fjords 2. Fate and transport of Persistent Bioaccumulative and Toxic (PBTs) pollutants in the fjords 3. Elemental biogeochemical cycles and processes. 4. Environmental Biology of fjord ecosystems To achieve the above objectives, the following measurement strategies are planned: 1. Based on the previous field measurements a few stations have been identified for long-term measurements of selected parameters 2. Campaign mode field experiments/measurements will be mounted

Purpose

The proposed work is mainly focused on the Kongsfjorden and Krossfjorden ecosystems with following long term objectives 1. Water and sediment chemistry with respect to climate change in the fjords 2. Fate and transport of Persistent Bioaccumulative and Toxic (PBTs) pollutants in the fjords 3. Elemental biogeochemical cycles and processes. 4. Environmental Biology of fjord ecosystems To achieve the above objectives, the following measurement strategies are planned: 1. Based on the previous field measurements a few stations have been identified for long-term measurements of selected parameters 2. Campaign mode field experiments/measurements will be mounted

Data Center