

Porsangerfjorden 70°N



Southern Arctic fjord
Finnmark, Northern Norway
Cold-temperate
No
Mostly not



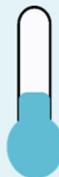
Kongsfjorden 79°N

Fjord type
Location
Climate
Glaciers
Ice scouring pressure

High Arctic fjord
Western Svalbard
Cold-temperate to Arctic
Yes
Strongly reduced over time



Luisa Düsedau, Amanda Savoie & Inka Bartsch



1. Change of kelp forest biomass & biodiversity along the depth gradient over time

2. Determination of macroalgal biodiversity via morphology and DNA barcoding to reveal cryptic biodiversity

3. Intertidal seaweed biomass & %coverage along the fjord gradient

4. Detecting green algal biodiversity using a novel metabarcoding method