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### Porsangerfjorden 70°N



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

Fjord type  
 Location  
 Climate  
 Glaciers  
 Ice scouring pressure

### Kongsfjorden 79°N



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



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