

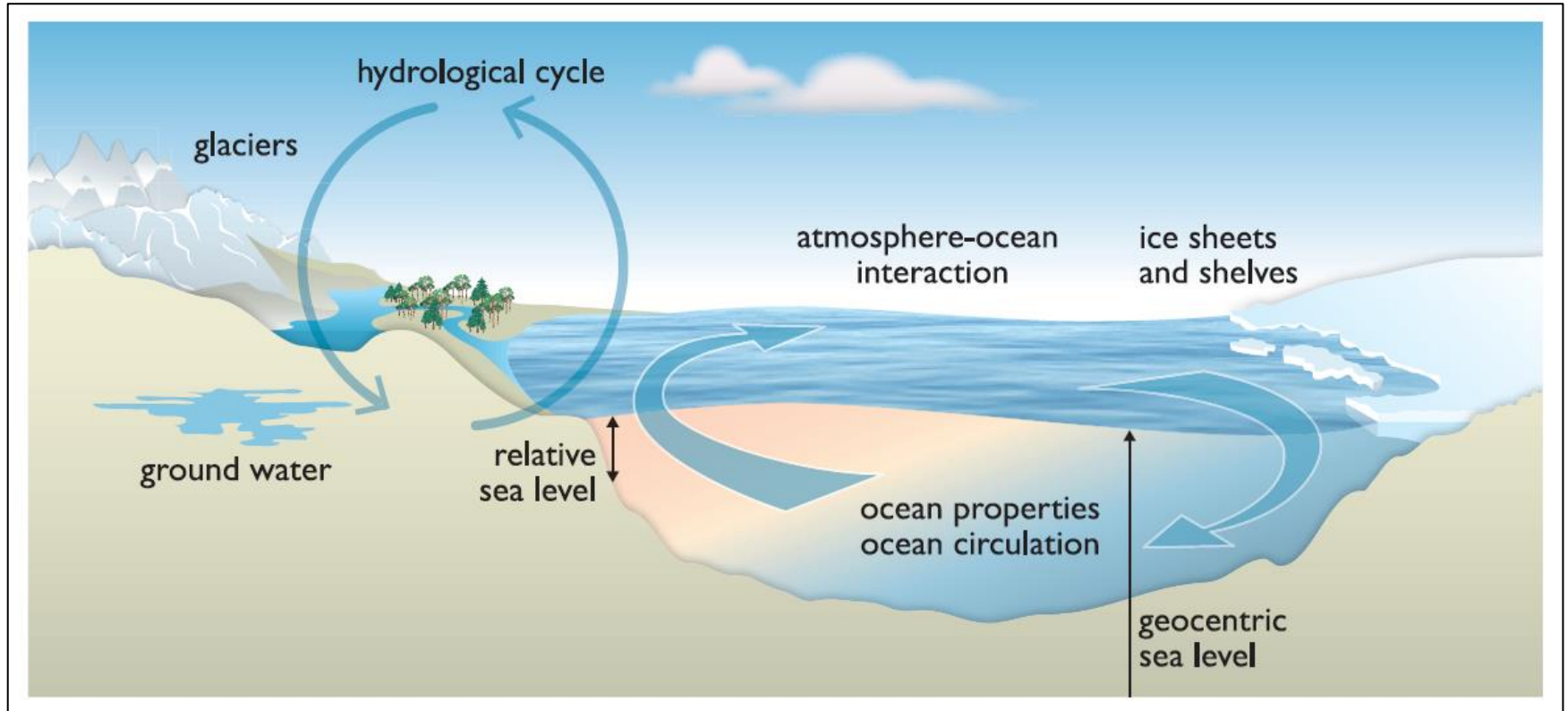
Master projects in sea-level change and deglaciation history

2024

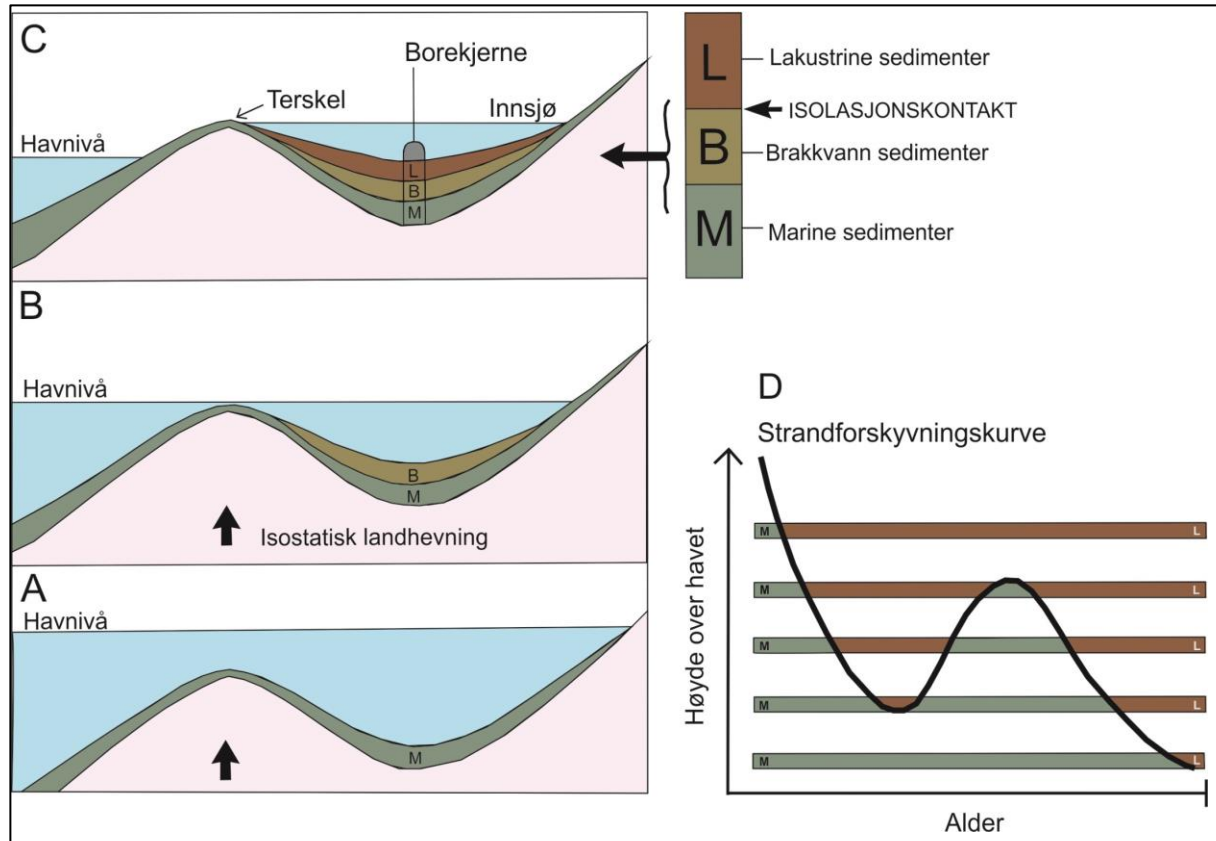
Kristian Vasskog: Kristian.Vasskog@uib.no



Sea-level change



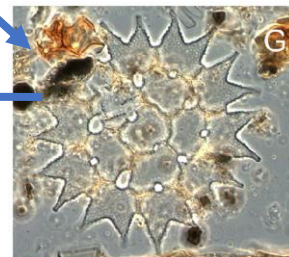
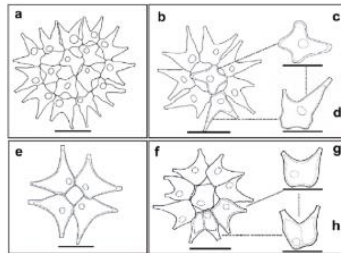
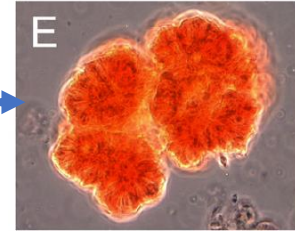
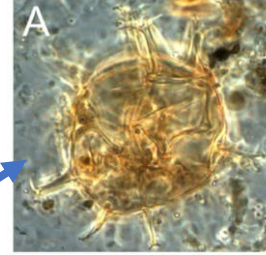
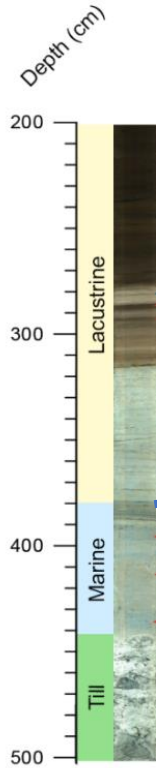
Reconstruction of past sea level: Method



Reconstruction of past sea level: Fieldwork

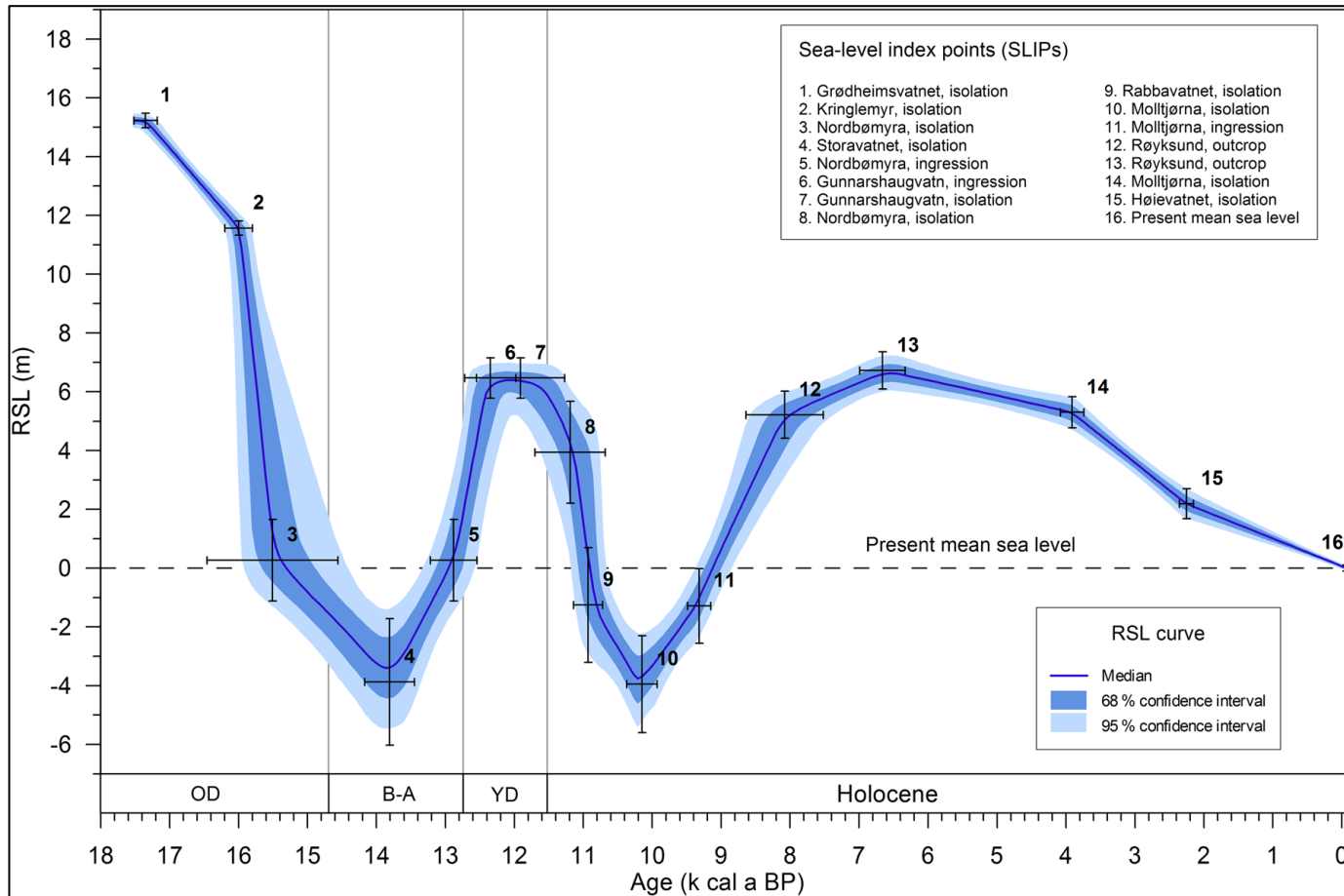


Reconstruction of past sea level: Lab work



Phytoplankton analysis

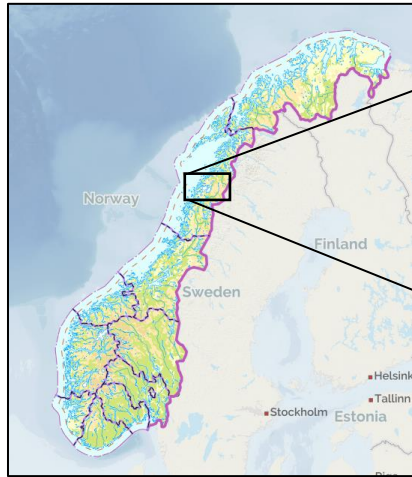




- Relative sea-level curve from Karmøy (Vasskog et al., 2019)



Study area: Svartisen (Rødøy)

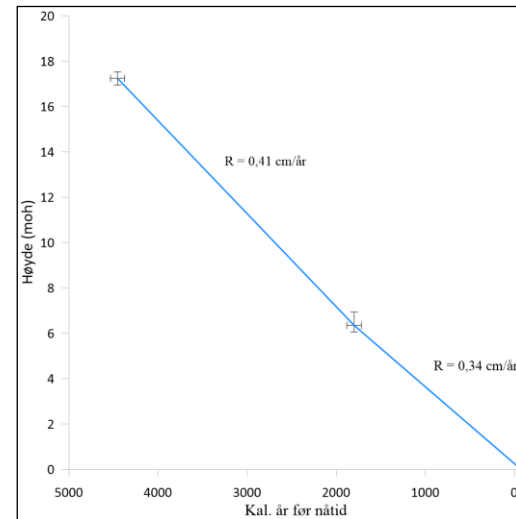


Holocen strandforskyvning i Rødøy, Nordland

Masteroppgave i naturgeografi

Av: Hilde Mangerud

June 2023



Study area: Svartisen (Rødøy)

1-2 Master projects, 2-3 weeks of fieldwork

- Mapping with focus on shoreline features
 - Reconstruct early Holocene relative sea-level (RSL) history
 - Isolation basin analysis (lakes and/or bogs)
 - Regional implications (deglaciation history around Svartisen)
- Main supervisor: Kristian Vasskog



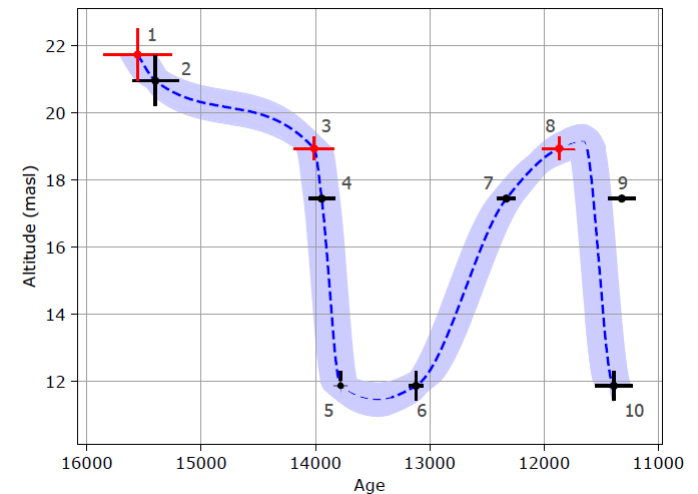
Gårdsvatnet, Rødøy. Coring in summer 2021

Study area: Bokn

1-2 Master projects, 2-3 weeks of fieldwork

- Mapping with focus on shoreline features
- Holocene relative sea-level (RSL) history
- Isolation basin analysis (lakes and/or bogs)
- Add to existing Late Glacial RSL curve

- Main supervisor: Kristian Vasskog
- Co-Supervisor: John-Inge Svendsen (Earth Science)



Study area: Skjervøy

1 Master project, 1 week of fieldwork (cores already collected)

- Deglaciation history
- Late Glacial relative sea-level (RSL) history
- Isolation basin analysis (lakes and/or bogs)
- Focus on laboratory work (biostratigraphy)
- Main supervisor: Kristian Vasskog
- Co-Supervisors:
 - Nicholas Balascio (William & Mary University, Virginia)
 - William D'Andrea (Lamont-Doherty, New York)

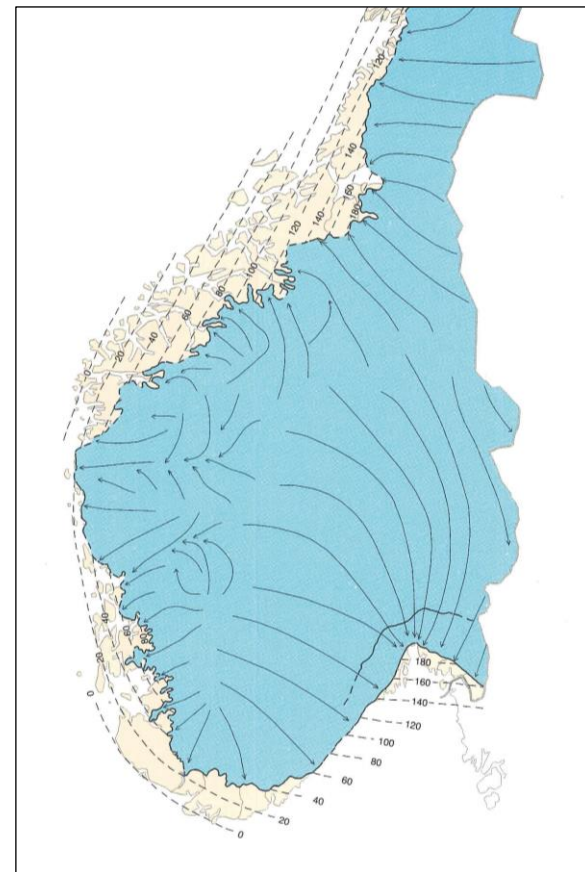
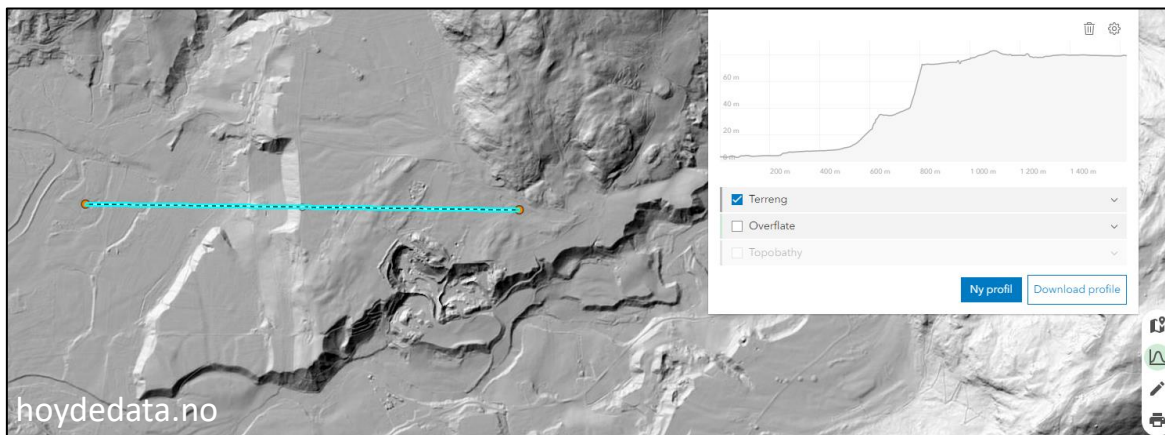


Study area: Western Norway

1 Master project, fieldwork as needed

- Younger Dryas sea level
- Revise isobases and shoreline diagrams
- Remote Sensing (LiDAR) and GIS-analysis
- Compile data from landforms and isolation basins

- Main supervisor: Kristian Vasskog
- Co-Supervisors: Oskar Eide Lilienthal, John-Inge Svendsen (Earth Science)



YD-isobases (Sørensen, 1987)



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