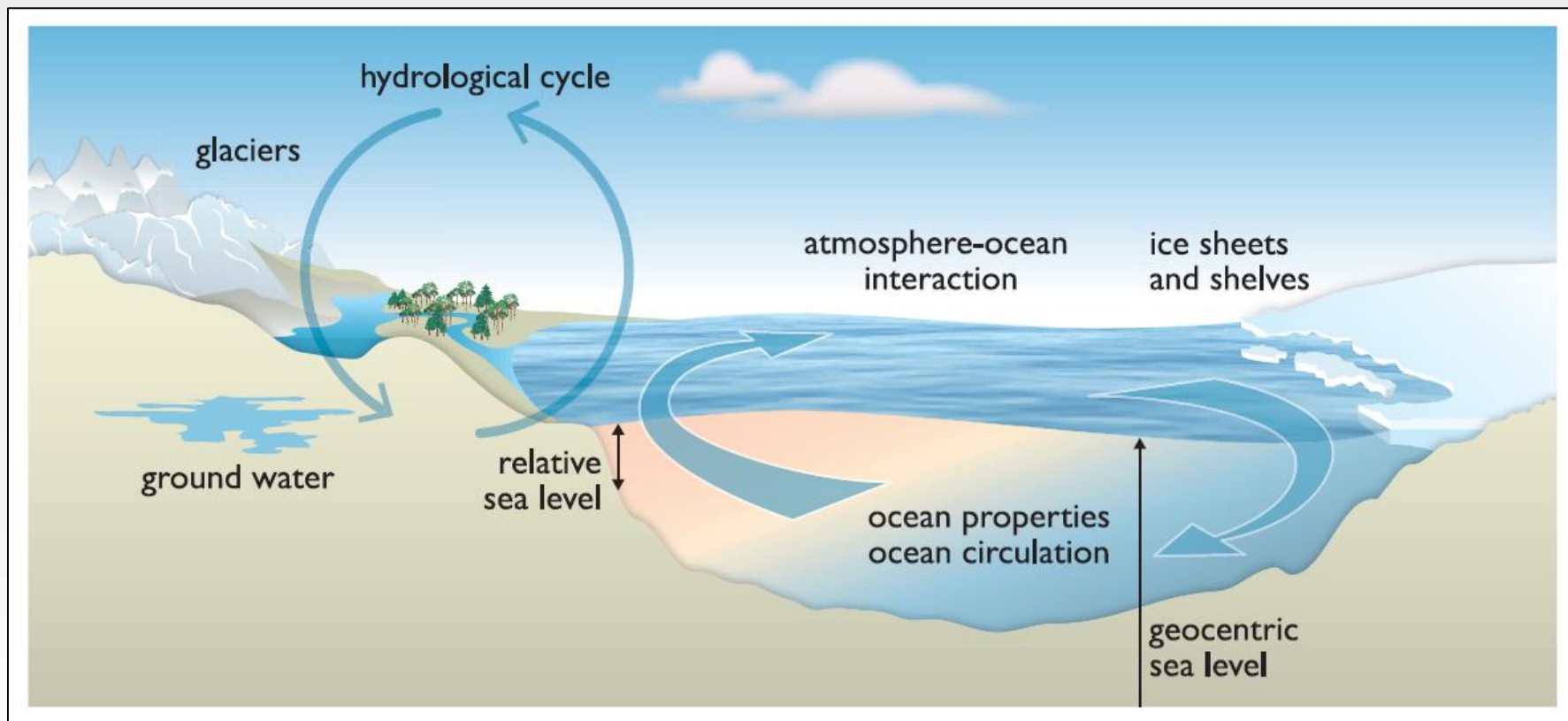


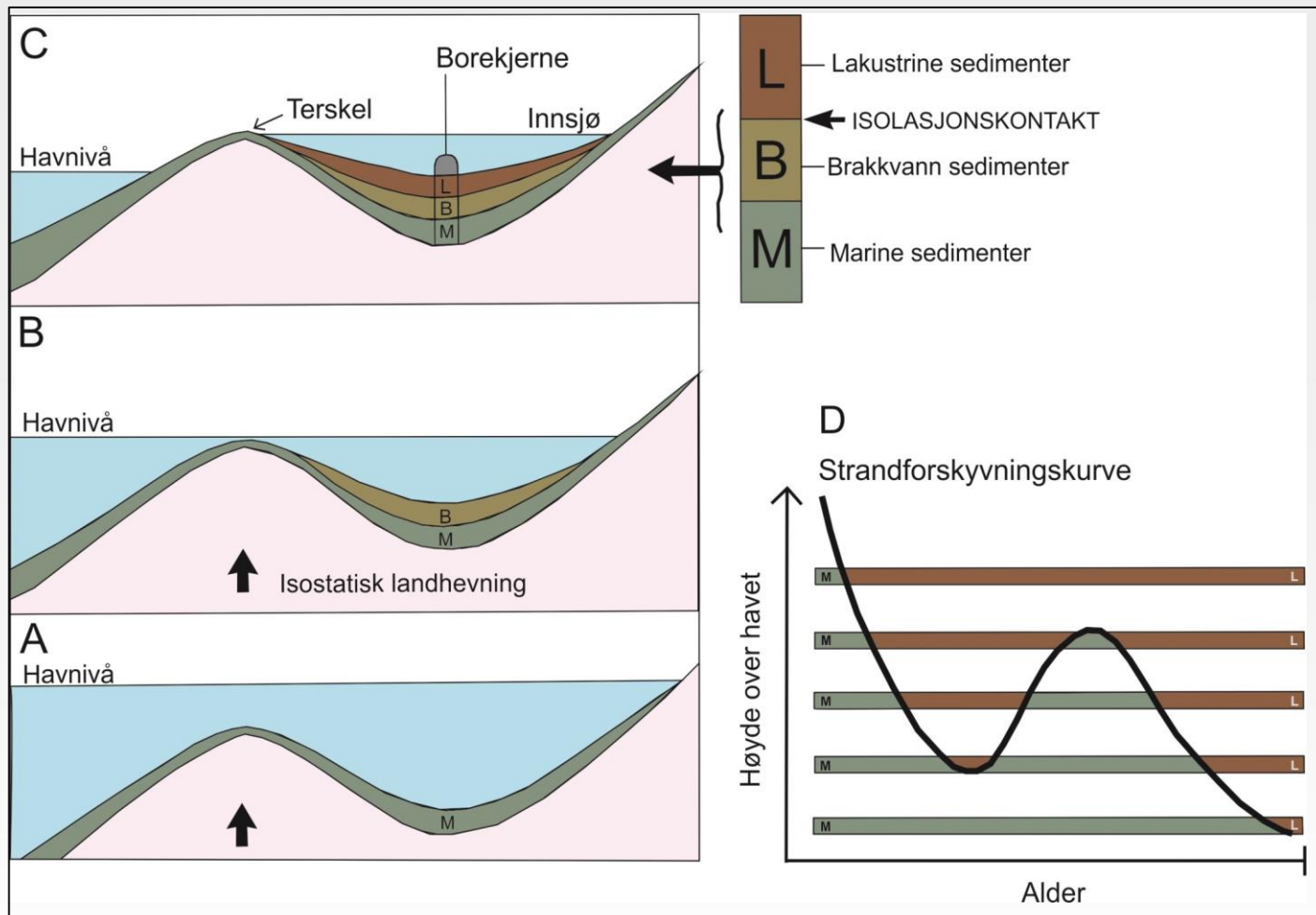


# Sea-level change





# Reconstruction of past sea level: Method



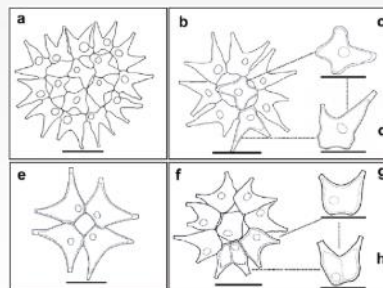
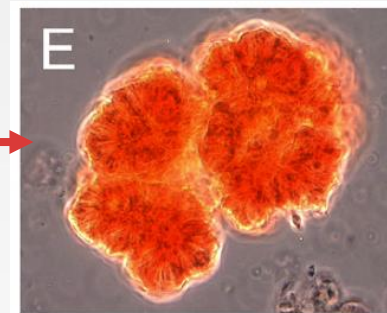
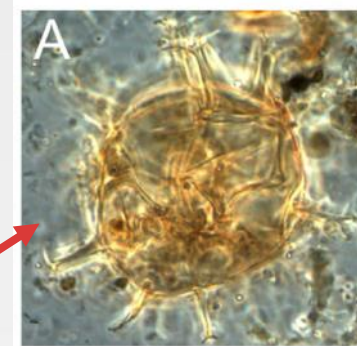
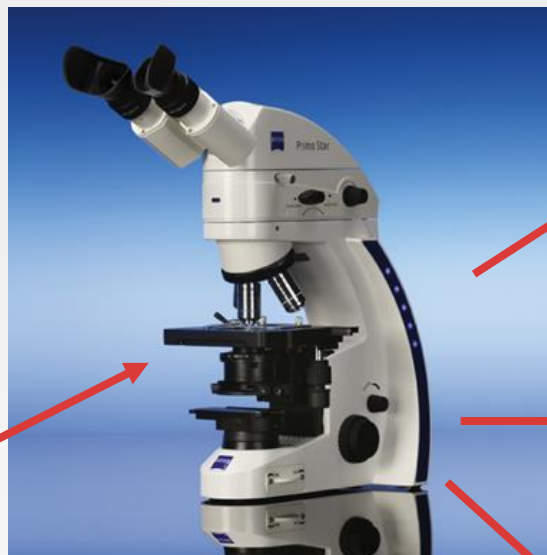
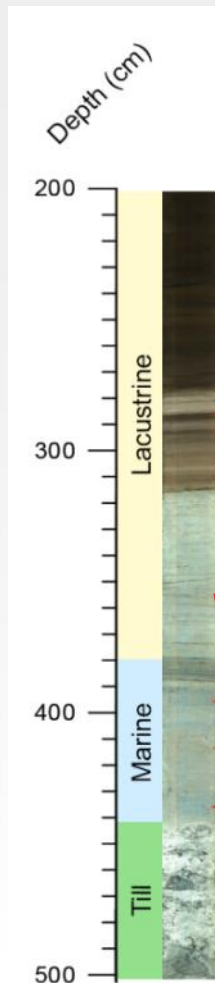


# Reconstruction of past sea level: Fieldwork

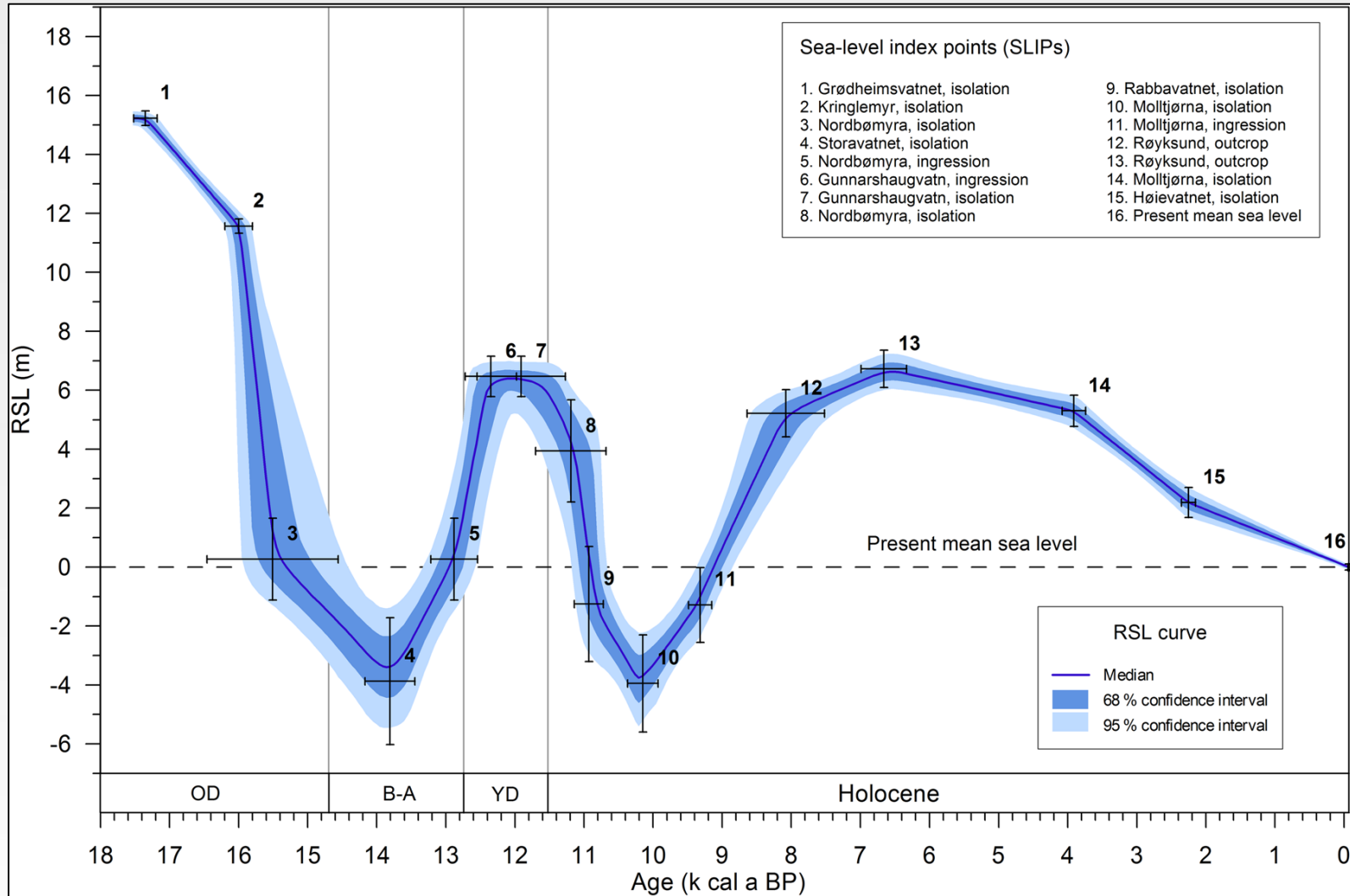




# Reconstruction of past sea level: Lab work



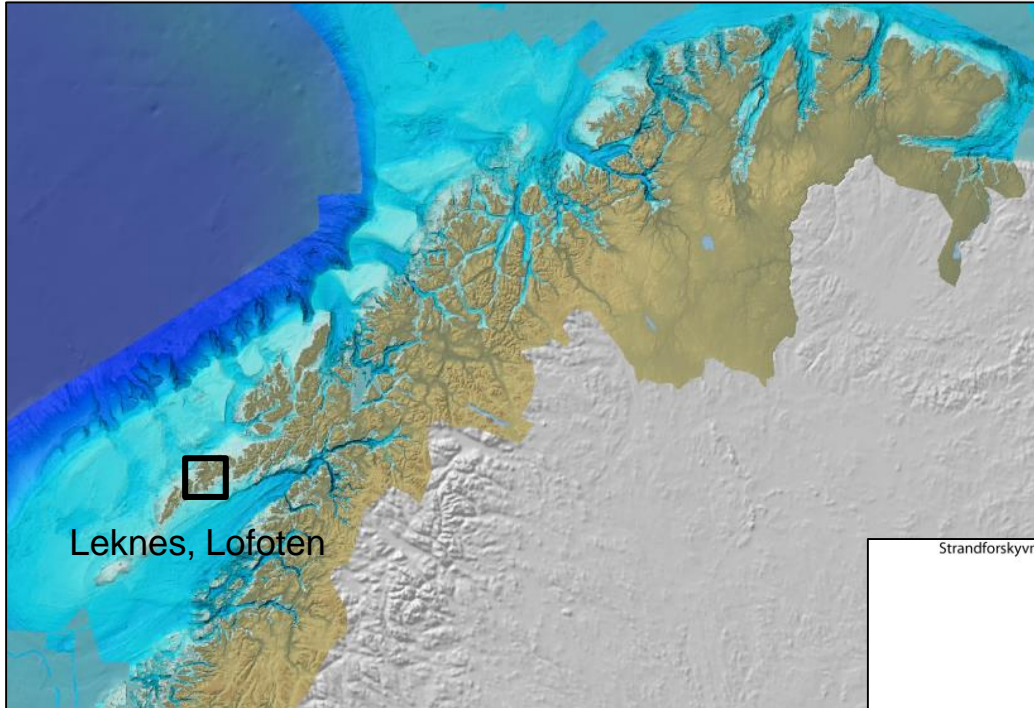
Phytoplankton analysis



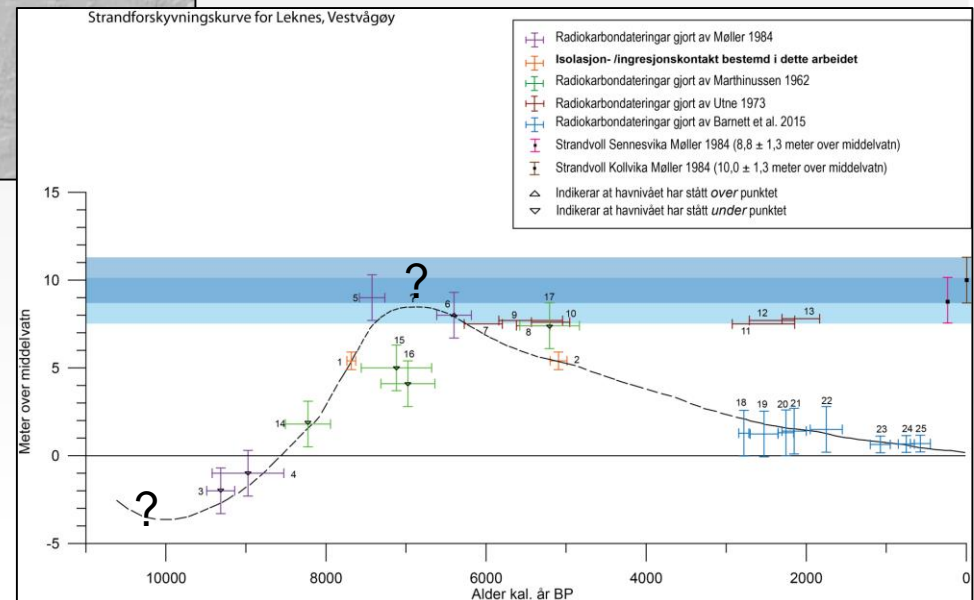
- Relative sea-level curve from Karmøy (Vasskog et al., 2019)



# Study area: Leknes



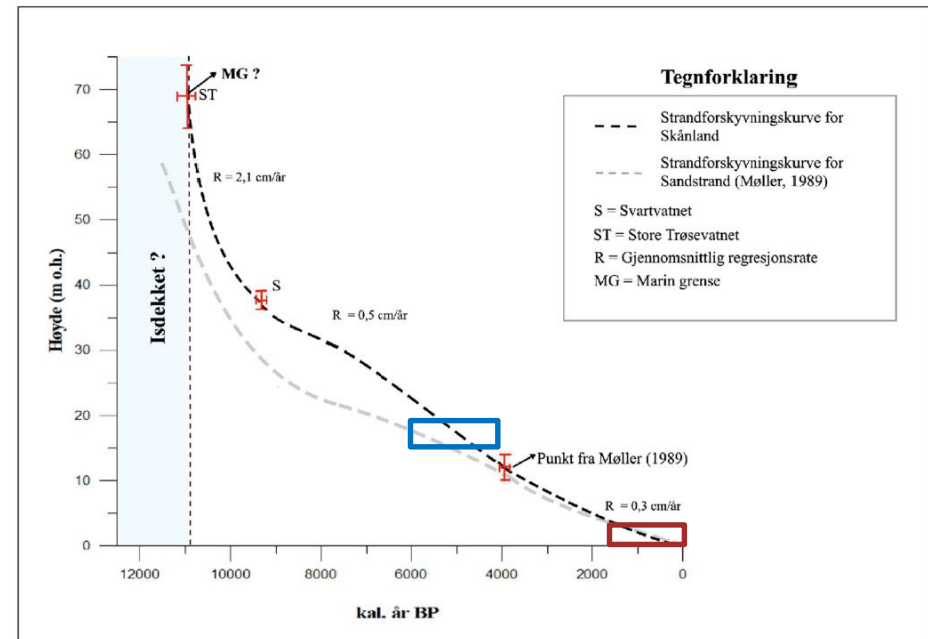
Strandforykningskurve for Leknes, Vestvågøy



## 1 Master project

- Extend the sea-level reconstruction for Leknes further back in time
- Constrain the magnitude of the Tapes transgression
- Constrain run-up of the Storegga tsunami

# Study area: Evenes



Figur 6.5: Strandforykningskurve for Skånlandområdet sammen med strandforykningskurven for Sandstrand (Møller, 1989).

Lid, 2019

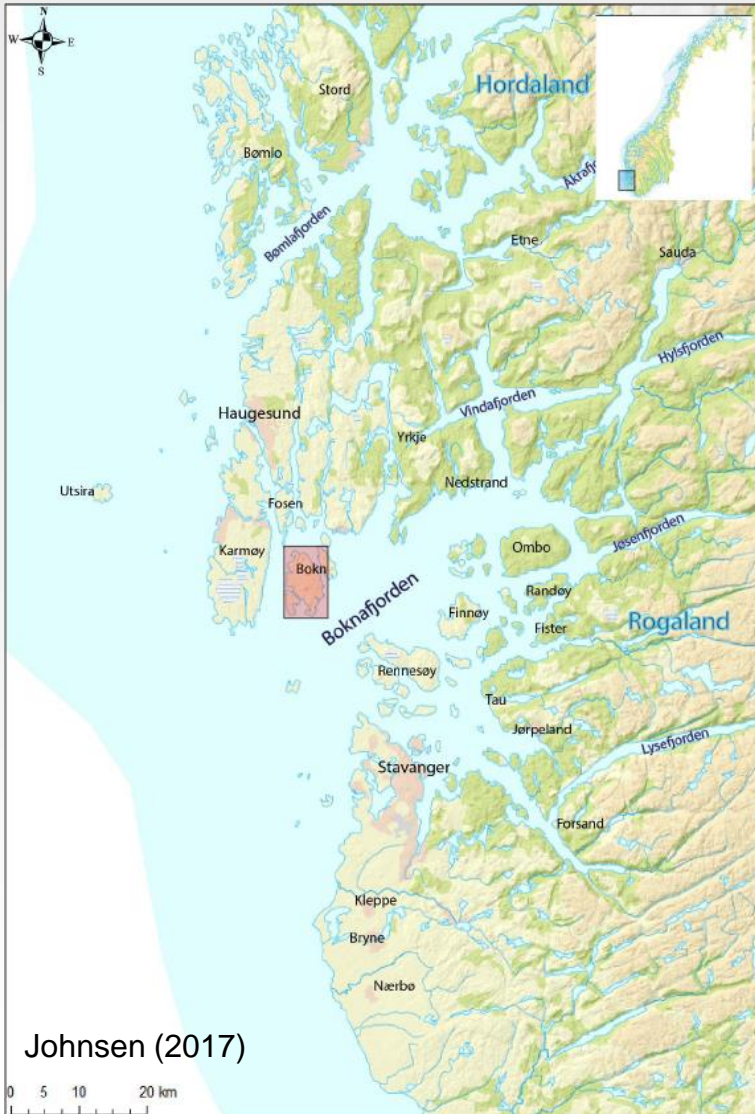
2 Master projects:

Project 1: Mid-holocene sea-level change and the Storegga tsunami

Project 2: Sea-level change over the last ~1500 years and method development



# Study area: Bokn



## 1 Master project

- Funded through the QUANTSEA project
- QUANTSEA will use reconstructions of past sea level along the Norwegian coast to learn more about the processes behind sea-level change, and how sea level might change in the future
- This Master project will focus on the Late Glacial period on Bokn
- Can we find traces of the global Meltwater Pulse 1A on Bokn?

