

Reconstruction of relative sea level history in Finnmark, northernmost coastal Norway

Bates College and University Centre in Svalbard



As part of an interdisciplinary study of Holocene marine climate in Finnmark, my main contribution is to locate, survey and determine the age of postglacial beaches that are currently above sea level. These raised beaches are dated using radiocarbon on mollusk shells and cosmogenic ^{10}Be on beach cobbles and boulders. The timing and nature of the postglacial sea level history provides critical information on the timing of ice sheet retreat.



Visitor: Mike Retelle

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Mike Retelle is a professor of Geology at Bates College, Maine and adjunct professor of Arctic Geology at the University Centre in Svalbard