

Late Quaternary Glacial History of McMurdo Sound, Antarctica

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Marine-based portions of the Antarctic ice sheets are susceptible to under-melting from the surrounding ocean, leading to sea level rise within the next few centuries. Cosmogenic exposure and radiocarbon chronologies of glacial sediments deposited during past glacial periods in McMurdo Sound provide useful insights into deglaciation dynamics and regional Antarctic contributions to sea level rise relevant to on-going global climate change.



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Drew is a PhD candidate from the Dept. of Earth & Environment at Boston University. During his visit to the UVM Cosmo Nuclide lab he will learn essential Be-10 and Al-26 sample preparation techniques and learn more about geochemical methods.