

Greenland Ice Sheet long term history from IODP Expedition 400 sediments

Williams College



We are measuring cosmogenic nuclides in marine sediments collected off a glaciated margin to investigate the size and dynamics of the Greenland Ice Sheet over the past 10 million years. Our analyses will indicate if the Greenland ice sheet was smaller during periods of analogous temperatures to today. What can Be-10 levels in marine sediment cores tell us about the Greenland ice sheet's evolution and sensitivity?



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Visit dates: June 26 - 28, 2024

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