

Meet our guest editors



Holly Winton
Antarctic Research Centre, Victoria University of Wellington, New Zealand

Holly is an ice-core and aerosol scientist with interests in biogeochemistry, sea ice, dust and

climate-relevant aerosol. She is currently working on novel proxies of marine primary production in Antarctica and the Southern Ocean to understand the interactions between phytoplankton and climate on a range of timescales.



Giulia Sinnl
Copenhagen University, Denmark

A physicist on loan to paleoclimatology, Giulia completed her PhD on the timescales of Greenland ice cores, under the supervision of Prof.

Sune Rasmussen. Her research has focused on improving our interpretation of the Earth's past climate by adjusting the chronological alignments between paleo-archives, using tools such as annual-layer counting or measuring cosmogenic radionuclides.



Olivia Williams
Oregon State University, Corvallis, USA

Olivia is a paleoclimatologist and stable isotope geochemist currently completing a PhD with Dr. Christo Buizert at Oregon

State University. Her project focuses on noble gas ratios as a proxy for previous melting in Greenland ice cores. By improving our understanding of melt in past warm periods, she hopes this project will be useful for understanding the cryosphere of today.



Lana Cohen (Victoria University of Wellington, New Zealand) examines storm layers in a snow pit on Roosevelt Island, Antarctica, 2010. Photo credit: Bradley Markle.