



Adam Martin short bio:

Adam Martin is an early career researcher interested in ancient volcanism and the role of lithosphere in magma evolution. Adam studied under Professor Ray Cas at Monash University looking at ancient volcanic successions in Australia, then completed his PhD at Otago University on Mount Morning eruptive centre in Southern Victoria Land, Antarctica. The research focussed on the geochemistry, geochronology, petrology, volcanology and oxygen fugacity of the rifted Antarctic lithosphere. Adam was employed as a NERC post-doctoral researcher to provide ID-TIMS chronological constraints to ancient volcanic (mainly) and sedimentary successions to understand the global rise of atmospheric oxygen in Fennoscandia. He is now based permanently as a fulltime researcher in New Zealand at the geological survey (GNS Science), who have developed methodology, and have responsibility, for monitoring volcanic hazards in New Zealand. He is a Marie-Curie Alumni Fellow, a Fellow of the Geological Society, and has received funding from the Royal Society and the German Academic Exchange for ongoing research into Antarctic problems. This 2016-17 season, Adam will head back to Antarctica to study lava-ice interactions after winning funding from the New Zealand Antarctic Research Institute.