

Antarctic sea ice research at the University of Otago: Where we've been and where we're going

Dr. Greg Leonard, MEngNZ



Photo: Gemma Brett

The University of Otago has a long and accomplished record of undertaking research on Antarctic sea ice that dates back to the mid-1980s. The initial focus was on the mechanical properties of sea ice, but through the years the breadth of research has expanded to include topics such as sea ice thermodynamics, interactions between waves and sea ice, the influence of nearby ice shelves on sea ice and the upper layer of the ocean and improving the representation of sea ice processes in Earth System Models. This talk will present a summary of the research undertaken to date and a glimpse of what is to come, followed by a more in-depth look at some projects that School of Surveying staff and students have been involved in.