

Snow and Ice Research Group – New Zealand: Monthly video seminar

Platelet ice: Antarctica's clandestine ice

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Platelet ice is the name given to the open-structured ice that often appears in the lower portions of a sea ice cover that has formed close to an ice shelf. This ice probably nucleates in the slightly supercooled water near the ocean surface, but the crystals grow as the result of heat transfer to the atmosphere and to the ocean. Supercooled water in the upper ocean results from the interaction between the meteoric ice of the shelf and the ocean. We (scientists from the University of Otago, the National Institute of Water and Atmospheric Research, Industrial Research Ltd, and Victoria University of Wellington) are interested in the oceanic conditions that produce platelet ice, the contribution that platelet ice makes to sea ice thickness, and the structure of this ice type and what it tells us about the process of formation.

Wednesday 1 April 2009, 1pm-1:50pm

All interested are welcome to attend.

Video meetings are held every month over the Access Grid. Video rooms are sited at most universities. The locations of the video conference rooms for each campus are:

Massey: Room 4.40, Social Sciences Tower, Massey University, Palmerston North.

Canterbury: Room 164, Level 1, Geography-Psychology Building, Canterbury University, Christchurch

Otago: Teaching Facilities South West corner, Information Services Building

Victoria: Library RB106



SIRG (<http://www.sirg.org.nz/>) operates as the New Zealand branch of the International Glaciological Society.