

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

It's a rough place: satellite mapping of the Greenland ice sheet

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Surface roughness of the Greenland ice sheet is controlled by ice dynamics and interactions between the surface and atmosphere. We have developed a technique for mapping surface roughness over the Greenland ice sheet. Using multiple viewing angles from a spaceborne sensor in conjunction with airborne LiDAR measurements of the ice sheet surface, we have constructed a data model that provides quantitative estimates of roughness. Numerous satellite overpasses over the sunlit season allow us to see changes in roughness as the summer melt progresses.

Wednesday 9 September 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.

Auckland: Room 429, SGGES (The School of Geography, Geology and Environmental Science), University of Auckland, Auckland.

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.