



**AUSTRALIAN METEOROLOGICAL
&
OCEANOGRAPHIC SOCIETY -
SYDNEY CENTRE**
www.amos.org.au/sydney



FREE PUBLIC SEMINAR

POLAR REGIONS

Impacts of Climate Change



7-9pm Thursday, 11 December 2008
The SciTech Library
Level 1, Jane Foss Russell Building (G02)
160 City Road
UNIVERSITY OF SYDNEY

Assoc. Prof. Sharon Robinson – University of Wollongong
“The impact of climate change on the polar ecosystem”

Antarctic plants already grow under some of the harshest conditions on the planet, but will climate change make it better or worse? How are they coping with increased UV-B radiation as a result of the ozone hole, increased wind speeds and changing temperatures? Sharon's work conducted in the Windmill Islands, East Antarctica over the past 12 years shows how Antarctic plant communities are responding to climate change.

Sharon has visited the Antarctic continent 5 times and sub Antarctic Macquarie Island once. She is a recognized leader in Antarctic climate change research, a subject editor for the top international journal, *Global Change Biology* and custodian of the only Antarctic State of the Environment Indicator for continental vegetation.

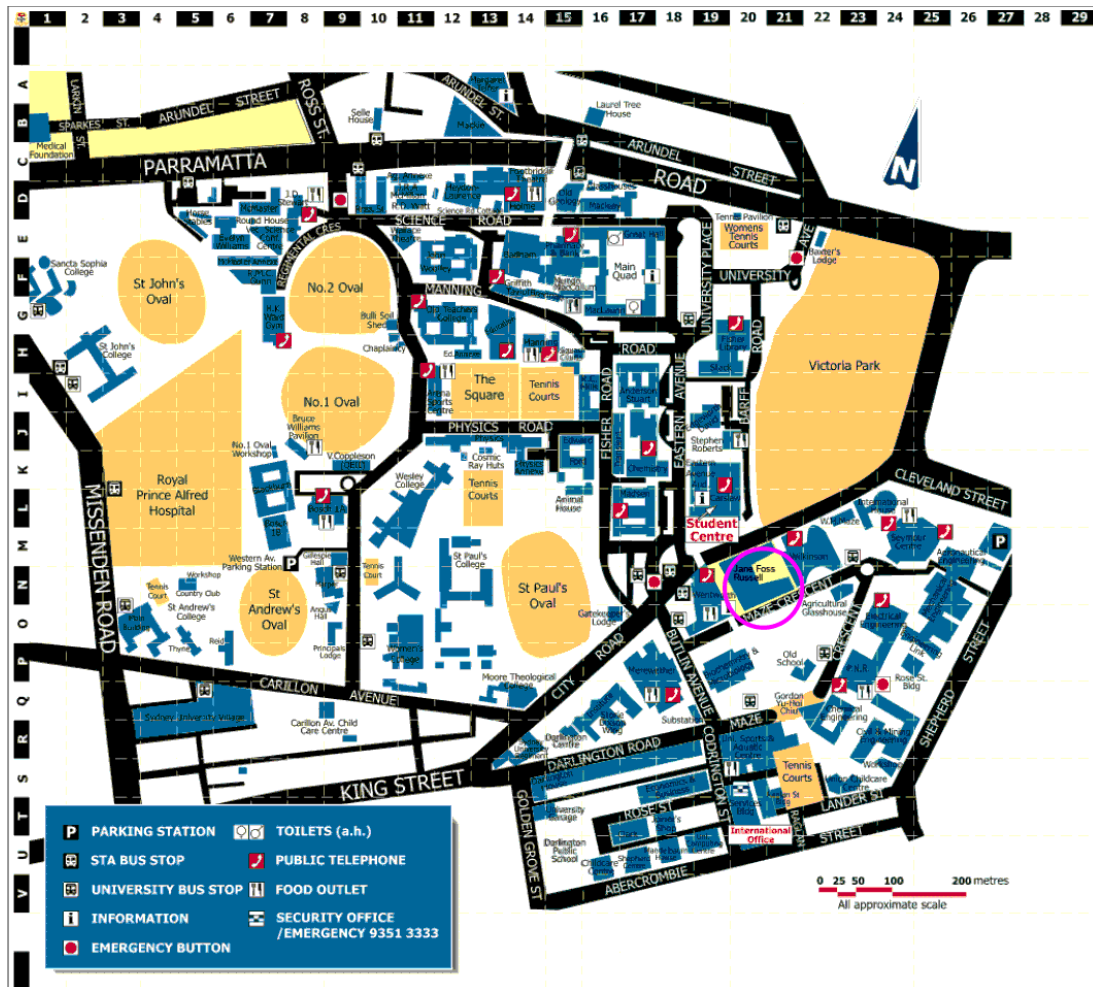
Assoc. Prof. Ian Goodwin – Macquarie University
“Climate Change and its impact on the Antarctic Ice Sheet and Oceans”

Ian studies earth system archives using ice cores, corals and sediments; earth system processes using the sedimentary record and the instrumental record; regional climate change; and, the modelling, and prediction of hydrological and coastal change.

Ian has 25 years experience working in Antarctica as a glaciologist, glacial geologist and climatologist, including 9 field seasons and an overwintering expedition in Wilkes Land. Ian is an international leader in high-resolution climate change research, and on climate change impacts on Antarctica and the Pacific Ocean islands and coasts.



Location Map – University of Sydney



- Entry to Jane Foss Russell building is from Maze Crescent
- Limited on-street parking is available in City Road and Shepherd Street

Don't miss this opportunity to attend this free public seminar which will include a small photo exhibition and light refreshments to be hosted at the University of Sydney SciTech library.

For further information contact: Edwina Tanner University of Sydney Institute of Marine Science (USIMS) Ph: 9351 4073, Mob: 0403 765 770 or email: e.tanner@usyd.edu.au