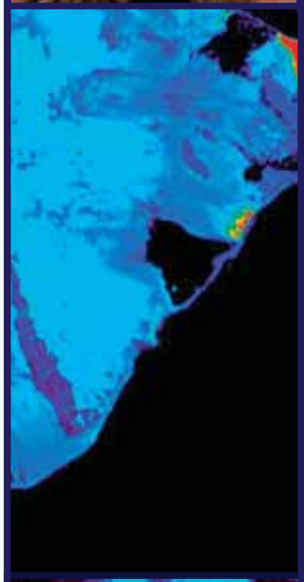
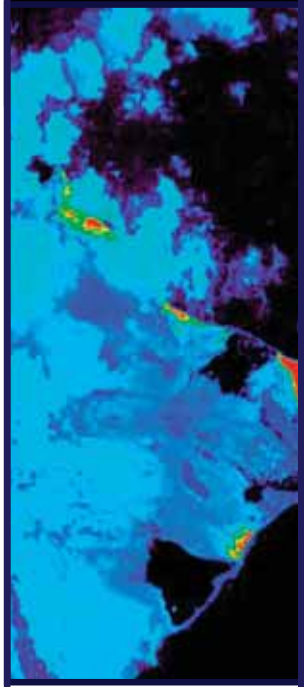
UNIVERSITY OF WOLLONGONG
FACULTY OF SCIENCE

SCHOOL OF BIOLOGICAL SCIENCES
RESEARCH PROFILES

DR SHARON ROBINSON





ANTARCTIC RESEARCH

Sharon Robinson has ongoing projects in the sub-antarctic Heard and Macquarie Islands and at Casey Station in the Australian Antarctic Territory.

The aim of the research is to answer these questions :

1. **How are antarctic plants coping with climate change, ie the increasing UV-B radiation which is a result of the hole in the ozone layer, and increasing temperatures due to green house gas increases?**

2. **What protective strategies does the moss in Antarctica have, to deal with such changes?**

3. **Can the changes in antarctic plant distribution be mapped using remote sensing?**

PLANT ECOPHYSIOLOGY

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