

REVISED PROGRAM

Day 1 - Monday 24 June 2013

7:30am Registration / sign in
 9:00am Official opening
 9:30am Keynote
 10:00am Keynote
 10:30am Morning tea

FOYER
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Coffee, tea and water available
 Lou Sanson / Tony Fleming
 Tim Naish, Antarctic Research Centre (NZ)
 Will Steffen, Antarctic Science Advisory Committee (AUS)

11:35am Keynote
 12:05pm Plenary
 12:25pm Plenary
 12:45pm Plenary
 01:05pm Lunch

SBT Jason Mundy, Australian Antarctic Division
 SBT Climate change science for Australian Government policy - Alison McMorro
 SBT Retreat history of the East Antarctic Ice Sheet since the Last Glacial Maximum - Andrew Mackintosh
 SBT Predictive modelling for Antarctic marine ecosystems: directions and links to policy - Jessica Melbourne-Thomas
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	SBT 1 - OBSERVING SYSTEMS	SBT 2 - HUMAN IMPACTS IN ANTARCTICA	SBT 3 - MARINE BENTHIC SCIENCE IN ANTARCTICA	SBT 4 - ATMOSPHERIC SCIENCE IN ANTARCTICA
1:35pm Concurrent	Antarctic Environments Portal: Update on Progress - Neil Gilbert	The use of permeable reactive barriers to treat contaminated sites in Antarctica - Tom Statham	Why is East Antarctica so important? A marine biological perspective - Nerida Wilson	Who needs a stratosphere? Predicting downward influences on weather and climate - Damian Murphy
1:55pm Concurrent	Building a Southern Ocean Observing System - Louise Newman	Sensitivity of the Antarctic amphipod <i>Paramoera walkeri</i> to diesel and fuel oil: Lethal and behavioural impacts - Kathryn Brown	Success of Antarctic bivalve populations in a changing ocean: results of experiments and models - Vonda Cummings	ACCESS polar modelling - plans and opportunities for collaboration - Anthony Hirst
2:15pm Concurrent	Observing the ocean at high resolution - Helen Phillips	Preliminary analysis of the histopathological impacts of sewage discharge on resident fish, <i>Trematomus bernacchii</i> at Davis Station, East Antarctica - Patricia Corbett	Vulnerability of the fertilisation and calcifying larval stages of Antarctic sea urchins to near-future ocean acidification and warming - Melanie Ho	Antarctic and Southern-Hemisphere Climate Change: The Role of Chemistry-Climate Models - Olaf Morgenstern
2:35pm Concurrent	Using an Unmanned Aerial Vehicle (UAV) to capture micro-topography of Antarctic moss beds - Arko Lucieer	Springtail community response to petroleum hydrocarbons in subantarctic soils - Thomas Mooney	Coral proxies of environmental variability and change in SO ecosystems: current and potential applications - Ronald Thresher	Identifying vortex air using Carbon Monoxide Observations - Adrian McDonald
2:55pm Concurrent	Earth Observations from Space in Antarctic Operations and Research - John Le Marshall	Biopiles - A remediation approach for hydrocarbon-contaminated soil at Casey Station, Antarctica - Rebecca McWatters	Prediction of Deep-Sea sessile Benthic epifauna across the Kerguelen Plateau - Ty Hibberd	What the READER and the homogenized radiosonde data sets reveal about the seasonality of multi-decadal temperature trends in the Antarctic troposphere and stratosphere - Ian Simmonds
3:15pm Concurrent	Terahertz observations of star forming regions from the high plateau of Antarctica - Michael Ashley	Persistent Organic Pollutants in Antarctica: System Input from Distant and Local Contaminant Sources - Seanan Wild	Seafloor habitats and associated benthic communities in the near-shore environment of the Vestfold Hills, East Antarctica - Jodie Smith	The impact of the Southern Annular Mode on Southern Ocean physics and biogeochemistry - Peter Strutton

POSTER SNAPSHOTS CANCELLED TODAY

3:35pm Afternoon Tea FOYER Poster presenters available

4:00pm Plenary SBT Geo-heritage in the Australian Antarctic Territory - Chris Carson
 4:20pm Plenary SBT Seabird response to environmental variation and change: identifying drivers of key ecological processes - Louise Emmerson
 4:40pm Plenary SBT Perspectives and processes for warming and ice melt on the Antarctic Peninsula - Nerilie Abram

5:00pm Plenary SBT ANDRILL Coulman High Project: Resolving Antarctic Ice Sheet behaviour during periods of climate forcing by higher than present CO₂ - Richard Levy
 5:20pm Muster Carpark Delegates transported to Government House
 6:00pm Welcome Reception Government House
 7:00pm Muster Government House Return to UTAS