UNSW Ocean and Climate Research Retreat
Monday 14 to Wednesday 16 August, 2006, Terrigal Beach NSW.

Schedule Monday 14 August 2006

**Matthew England**
Overview of Climate and Environmental Dynamics Laboratory (CEDL)

**Agus Santoso**
Variability of Southern Ocean water masses in a climate model.

**Willem Sijp**
Stability of the Thermohaline Circulation.

**Alex Sen Gupta**
The Southern Annular Mode, its effect on the ocean, and feedbacks to the atmosphere.
Caroline Ummenhofer
Extratropical Southern Hemisphere Climate Variability and Rainfall in the Australian Region.

Khalia Hill
Interannual rainfall variability over Australia.

James Luffman
Indian Ocean control of Australian rainfall and climate variability.

Tuesday 15 August 2006

Frank Drost
From NIWA to UNSW: Southern Hemisphere atmospheric variability.

Maxwell Gonzalez
Antarctic bottom water variability: Properties and formation.

Olivier Arzel
Mechanisms of interdecadal variability of the Atlantic meridional overturning circulation.

Lixin Qi
A Climatological Study of Tropical Cyclones in Western Australia.

Andrea Tuschetto
The effect of South Atlantic SSTs on precipitation over South America.

Tina Donaldson
What is causing late twentieth century cooling and freshening of Antarctic Intermediate Water.

Jessica Trevena
Can we ‘turn off’ Antarctic Bottom Water?

Jan Zika
Measuring vertical and lateral mixing in the open ocean using inverse models.

Steve Phipps
Multi-millennial simulations of climate of the late Holocene.

Wednesday 16 August 2006

Moninya Roughan
Headland circulation, upwelling and larval retention.

Phillipe Estrade
1. A two-dimensional expansion of Ekman’s theory provides a mechanism for upwelling separation from the coast.
2. Island wakes flows with upstream turbulence.
Debbie Cox
Island Wakes - Field and Numerical Modelling Results

Julien Le Sommer
2. The role of mesoscale turbulence on Antarctic Intermediate water formation.

Mark Baird
Coupled physical-biological modelling of the upwelling off central Chile.

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