

GOAPP Science Day
Thursday, March 12, 2009
Coast Harbourside Hotel and Marina, **Fairfield Room**
Victoria, British Columbia

AGENDA

0845	Welcome and Logistics	Allyn Clarke, Erica Wilson, Keith Thompson, Susan Woodbury
0900	Overview Theme I	Keith Thompson
0945	Overview Theme II	Bill Merryfield
1015	<i>Refreshment Break</i>	
1045	Theme II project II.1.2	John Fyfe
1100	Theme II projects II.2.1 and II.2.2	Bill Merryfield/Youmin Tang
1125	Theme II projects II.3.1 and II.4	Greg Flato
1140	Theme II projects II.3.2 and II.3.3	Slava Kharin
1200	Discussion	
1230	<i>Lunch (Provided by GOAPP)</i>	
1330	Seamless Climate Prediction from Days-to-Decades	Ben Kirtman
1420	Ziwan Deng (PDF)	Assimilation of Argo profiles for the Pacific Ocean
1435	Woo-Sung Lee (RA)	Ocean data assimilation for CHFP2
1445	Fabian Lienert (PhD)	North Pacific SST Climatology and Variability in an ensemble of AOGCMs
1500	Ajaymohan Ravindran (PDF)	Regional influences on climate variability and potential predictability
1510	Joel Finnis (PDF)	Nonlinear post-processing of GCM climate forecasts
1520	<i>Refreshment Break</i>	
1540	Updates on CONCEPTS and GOAPP Supplement	Keith Thompson
1600	Other business	
1630	Adjournment	

GOAPP Themes and Projects

Theme I Projects: Days to Seasons

Sub-theme I.1: Ocean Modelling and Data Assimilation

- I.1.1 Suppression of bias and drift in ocean model components
- I.1.2 Statistics of observed variability for model testing and improvement
- I.1.3 Multivariate assimilation of altimeter and Argo data
- I.1.4 Ocean reanalysis and forecasting
- I.1.5 Modelling and assimilation of sea ice
- I.1.6 Assessing the Capability of a Nested-Grid Shelf Circulation Model for the Eastern Canadian Shelf

Sub-theme I.2: Coupled AO Modeling and Data Assimilation

- I.2.1 Assimilation into coupled models
- I.2.2 Studies on joint assimilation into coupled models

Theme II Projects: Seasons to Decades

Sub-theme II.1: Analysis and Mechanisms

- II.1.1 Pacific Decadal Oscillation, Southern and Northern Annular Modes

Sub-theme II.2: Predictability of the Coupled System

- II.2.1 Potential predictability of current and future climates
- II.2.2. Prognostic predictability from ensembles of coupled model simulations

Sub-theme II.3: Prediction

- II.3.1 Coupled Model Initialization
- II.3.2 The Coupled Model Historical Forecasting Project
- II.3.3 Forecast Combination, Calibration and Verification
- II.3.4 Sensitivity of Seasonal Climate Forecasts in the CCCma GCM to Initialization of Land Surface Hydrological States