

SATREPS SYMPOSIUM ON CLIMATE PREDICTION AND INFORMATION FOR THE SOCIETY
16-18 December 2010

PROGRAM

December 16

Registration: 10:00-10:30

1. Opening Session

(Compere: N. Miyamoto)

10:30-10:35	Welcome Address	T. Yamagata, Head, APL and Dean, U. Tokyo
10:35-10:40	Opening Remarks	J. Iwase, Regent, U. Aizu
10:40-10:45	Keynote Address	A. Takahashi, JST

2. First Session: Climate Research For the Society

(Chair: A. Navarra)

10:45-11:10	T. Yamagata (JAMSTEC/UT, Japan) <i>"Climate and Society"</i>	
10:10-11:35	H. Rautenbach (UP, South Africa) <i>"Climate Application Studies in South Africa"</i>	
11:35-12:00	S. Hameed and H. Terasaka (UA, Japan) <i>"Climate Application Studies in Aizu University"</i>	

12:00-13.30 Lunch Break

3. Second Session: State of the Art in Climate Predictions

(Chair: T. Yamagata)

13:30-13:50	J. Luo (JAMSTEC, Japan) <i>"Predictions of the ENSO/IOD and beyond Using SINTEX-F1"</i>	
13:50-14:10	A. Kumar (NCEP, USA) <i>"Some Practical Challenges in Real-time Seasonal Predictions"</i>	
14:10-14:30	W. Landman (CSIR, South Africa) <i>"South African Seasonal Rainfall Prediction Performance by a Coupled Ocean-Atmosphere Model"</i>	
14:30-14:50	A. Navarra (CMCC, Italy) <i>"Application of Climate Information in Europe"</i>	
14:50-15:10	T. Mauritsen (MPI, Germany) <i>"Preparing the ECHAM6 and MPIOM coupled climate model for CMIP5"</i>	

15:10-15:30	S. Gualdi (CMCC, Italy) <i>"Predictability of Low-frequency Climate Variations"</i>
15:30-15:50	Discussions

15:50 - 16:10: Coffee Break

4. Third Session: Dynamical Downscaling of Climate Predictions

(Chair: S. Behera)

16:10-16:30	K. Takahashi/Y. Baba (JAMSTEC, Japan) <i>"Dynamical Downscaling of Weather Phenomena over South Africa"</i>
16:30-16:50	J. Ratnam (JAMSTEC, Japan) <i>"Inter-comparison of regional models for the simulation of Precipitation over South Africa during Austral Summer"</i>
16:50-17:10	S. Ratna (JAMSTEC, Japan) <i>"Downscaling of SINTEX-F Predictions for Application Studies in South Africa"</i>
17:10-17:30	W. Sasaki (JAMTEC, Japan) <i>"Typhoon Simulation Using SINTEX-F2 Model"</i>
17:30-17:50	Discussions

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5. Fourth Session: Modes of Climate Variations and Their Societal Impacts I

(Chair: H. Sakuma)

10:00-10:20	Y. Masumoto (JAMSTEC, Japan) <i>"Climate Variations in the Indo-Pacific Sector"</i>
10:20-10:40	C. Ummenhofer (UNSW, Australia) <i>"Impacts of Indo-Pacific Variability on Rainfall and Drought Across the Australasian Region"</i>
10:40-11:00	L. Yu (WHOI, USA) <i>"Climate Change in the Tropical Oceans Evidenced from Satellite-derived Data"</i>
11:00-11:20	Q. Liu (OU, China) <i>"The Seasonal Climate Variations in South China Sea"</i>
11:20-11:40	T. Sampe (UA, Japan) <i>"On the Dynamics of the Baiyu Front"</i>
11:40-12:00	T. Yokoi (UT, Japan) <i>"Seasonal and Interannual Variations of the SST above the"</i>

	<i>Seychelles Dome</i>
12:00-12:20	Discussions

12:20-13.50 Lunch Break

6. Fifth Session: Modes of Climate Variations and Their Societal Impacts II

(Chair: Y. Masumoto)

13:50-14:10	S. Behera (JAMSTEC, Japan) <i>"Tropical and Subtropical Climate Impacts on South African Rainfall Variations"</i>
14:10-14:30	T. Tozuka (UT, Japan) <i>"Toward Realistic Simulation of the Equatorial Atlantic Zonal SST Gradient in a CGCM"</i>
14:30-14:50	T. Izumo (UT, Japan) <i>"IOD role in El Nino Triggering: Mechanisms, Interactions and Impacts on African rainfall"</i>
14:50-15:10	M. Nagura (JAMSTEC, Japan) <i>"Role of Indonesian Throughflow in Subtropical Indian Ocean Variations"</i>
15:10-15:30	Y. Morioka (UT, Japan) <i>"The SISD and the SASD variations in SINTEX-F1 model simulations"</i>
15:30-15:50	Discussions

15:50 - 16:20: Coffee Break

7. Sixth Session: Climate Informatics and Societal Applications

(Chair: W. Landman)

16:20-16:40	H. Sakuma (JAMSTEC, Japan) <i>"Climate Information for the Crop Modeling in South Africa"</i>
16:40-17:00	P. Oettli (UT, Japan) <i>"Role of Climate Simulation in Crop Modeling of West Africa"</i>
17:00-17:20	S. Varlamov (JAMSTEC, Japan) <i>"Development of Climate Informatics for the Societal Applications"</i>
17:20-17:40	Discussions

17:40-18:00 **Closing Remarks:** T. Yamagata

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SATREPS SYMPOSIUM ON CLIMATE PREDICTIONS AND INFORMATION FOR THE SOCIETY

9:30-12:30 Group Discussions on JAMSTEC-UT-ACCESS SATREPS Project

12:30-14:00 Lunch

14:00: **Adjourn**