

SATREPS WORKSHOP [DAY1] – 17 OCTOBER 2012

Date: Wednesday 17th October 2012

Venue: CSIR Knowledge Common

(N.B.: The venues of DAY1 and DAY2 are different buildings in CSIR.)

Registration: 12:00-12:55

Session I: Indian Ocean and Climate Processes

(Chairs: Tomoki Tozuka & Hannes Rautenbach)

12:55-13:00	Opening Remarks
13:00-13:15	Takahito Kataoka (U. Tokyo, Japan) "Skills of CMIP3 models in simulating Indian Ocean Subtropical Dipole and its influence on the Southern African Region"
13:15-13:30	Patrick Vianello (UCT, South Africa) "Dynamics around the Mascarene plateau - a hydrographic study and the impact of the Plateau on westward propagating Rossby waves"
13:30-13:45	Yushi Morioka (JAMSTEC, Japan) "How is the Indian Ocean subtropical dipole excited?"
13:45-14:00	Francois DuFois (UCT, South Africa) "Inter-annual variability of SST and current along the south African coasts"
14:00-14:15	Motoki Nagura (JAMSTEC, Japan) "Longitudinal Biases in the Seychelles Dome Simulated by 35 Ocean-Atmosphere Coupled General Circulation Models"

Session II: Subtropical Climate Variability & Applications

(Chair: Toshio Yamagata & Neville Sweijd)

14:15-14:30	Chaoxia Yuan (JAMSTEC, Japan) "Seasonal Prediction of South African Summer Precipitation"
14:30-14:45	Kamoru Lawal (UCT, South Africa) "Assessing the Influences of Extreme Climatic Events on the Predictability of South African Seasonal Climates"
14:45-15:00	Ingo Richter (JAMSTEC, Japan) "An assessment of tropical Atlantic climate and interannual variability in CMIP5"
15:00-15:15	Joél Bothai (UP, South Africa) "TBA"
15:15-15:30	Coffee Break

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15:30-15:45	Johan Malhabe (ARC, South Africa) “Seasonal forecasts of SINTEX-F coupled model applied to maize yield estimates over north-eastern South Africa”
15:45-16:00	Satyaban Ratna (JAMSTEC, Japan) “An index for tropical temperate troughs over southern Africa”
16:00-16:15	Francois Engelbrecht (CSIR, South Africa) “Towards the improvement of skill of seasonal forecasts over southern Africa through model development”
16:15-16:30	Cobus Oliver (SAWS, South Africa) “Use of the University of Tokyo Coupled Model (UTCM) for Prediction of Streamflow over South Africa”
16:30-16:45	Pascal Oettli (U. Tokyo, Japan) “The Self Organizing Map, a New Approach to Apprehend the Effect of the Madden-Julian Oscillation on the Intraseasonal Variability of Rainfall in the Southern-African Region”
16:45-17:00	Asmerom Beraki (SAWS, South Africa) “Coupled model development at SAWS as an operational seasonal forecast provider”
17:00-17:15	Robert Maisha (UP, South Africa) “Evaluation of WRF as a meteorological forecasting tool over the complex terrain of South Africa”
17:15-17:20	Closing Remarks

End

SATREPS SYMPOSIUM [DAY2] – 18 OCTOBER 2012

Date: Thursday 18th October 2012

Venue: CSIR International Conference Centre

(N.B.: The venues of DAY1 and DAY2 are different buildings in CSIR.)

1. Registration (09:00-09:30)

2. Inaugural Ceremony and Speeches (9:30-09:55) [5min each speaker]
 - (1) Mr Nakamura, Chief Representative of JICA South Africa Office
 - (2) Dr Yoshifumi Yasuda, Programme Officer, JST; Professor Emeritus, University of Tokyo
 - (3) DST (TBA)
 - (4) Board Director of NRF (TBA)
 - (5) Dr Yamagata, Head of Application Laboratory, JAMSTEC

3. Group Activity Reports (09:55-13:00) [25min each Group incl. Q&A]

Chairs: N. Sweijd & JST or JAMSTEC representative

09:55-10:20	Group 1 : S. Behera and M. Rouault "Predictability of climate modes"
10:20-10:45	Group 2 : J. Ratnam and H. Rautenbach "Seasonal prediction and downscaling"
10:45-11:10	Group 3 : T. Tozuka and F. Engelbrecht "Improving CGCMs"
11:10-11:20	Coffee Break (10 min) [If necessary]
11:20-11:45	Group 4 : H. Sakuma and W. Landman "Improving early prediction system"
11:45-12:10	Group 5 Activity (T. Yamagata and N. Sweijd) "Strengthening network"
12:10-13:00	General Discussion

4. Lunch (13:00-14:00)

5. [JCC members only] JCC Meeting at DST, Gondwanaland Room (14:30-16:30)

End