

International Workshop on
“Development of Atmosphere-Ocean Coupled Models towards
Improvement of Long-Range Forecast”
Japan Meteorological Agency, Tokyo, Japan, 8-10 December 2010

Agenda
(As of 24 November 2010)

WEDNESDAY, 8 DECEMBER 2010:

1000-1030 Registration and coffee

OPENING : Opening and Introduction to Meeting (4F room, chair: K. Takahashi (JMA))

1030-1040 Welcome address (Akihide Segami (Director-General of the Global Environment and Marine Department, JMA))

1040-1045 **Group photo**

1045-1050 Announcement about the workshop schedule (Kiyotoshi Takahashi (JMA))

1050-1130 Yuhei Takaya (JMA)
Introduction of the background of the symposium/workshop

1130-1330 **Lunch Break**

SESSION 1 : Public Symposium (2F hall, chair: K. Takahashi (JMA))

1330-1400 Registration

1400-1410 Opening address (Kunio Sakurai (Director-General, JMA))

1410-1420 Introduction to the symposium (K. Takahashi (JMA))

1420-1500 Adam Scaife (UK Met Office)
Seasonal prediction and Climate models

1500-1540 Shuhei Maeda (JMA)
Improvements of seasonal prediction by introducing CGCM

1540-1600 **Break**

1600-1640 Roberto Buizza (ECMWF)
Future perspective of coupled monthly-to seasonal prediction system developments at ECMWF

1640-1720 Masahide Kimoto (University of Tokyo)
Better climate information for society

1720 **Close**

1900 **Reception**

THURSDAY, 9 DECEMBER 2010:

SESSION 2: Air-sea interactions in the Pacific-Indian region
(4F room, chair: S.-P. Xie (IPRC/University of Hawaii))

0930-1010 Shang-Ping Xie (IPRC/University of Hawaii) [Keynote presentation]
Modes of Indo-Pacific variability and predictability of East Asian climate

1010-1040 Yukio Masumoto (JAMSTEC)
IndOOS (Indian Ocean Observing System): Present status and recent highlights on
air-sea interactions in the Indian Ocean

1040-1100 **Coffee Break**

1100-1130 Tamaki Yasuda (MRI/JMA)
Air-sea interaction over the Indian Ocean after El Nino in JMA/MRI-CGCM seasonal
forecast experiment

1130 Discussion

1200-1330 **Lunch Break**

SESSION 3: Current status of development of CGCM

Review of CGCM developments (4F room, chair: H.-L. Pan(NCEP))

1330-1410 Hua-Lu Pan (NCEP) [Keynote presentation]
The NCEP Climate Forecast System (CFS) : Status and Plan

1410-1440 Jing-Jia Luo (JAMSTEC)
Seasonal prediction and coupled model development activities at JAMSTEC

1440-1510 Yongqiang Yu (IAP)
The basic performance of IAP coupled GCM FGOALS2.0

1510-1530 **Coffee Break**

Ocean Analysis for Seasonal Predictions (chair: O. Alves (CAWCR))

1530-1610 Oscar Alves (CAWCR) [Keynote presentation]
Current status and strategy of CGCM and ocean analysis system developments in
Australia

1610-1640 Yousuke Fujii (MRI/JMA)
Coupled model Simulation by Constraining Ocean Fields with Ocean Data thorough
the JMA operational ocean data assimilation system

1640-1710 Masafumi Kamachi (MRI/JMA)
Strategy and issues to be addressed in the sea-ice assimilation

1710-1740 Discussion

FRIDAY, 10 DECEMBER 2010:

SESSION 4: Future developments of CGCM for better seasonal prediction

(4F room, chair: T. Ose (MRI))

0930-1000 Adam Scaife (UK Met Office)
Strategy for development of seasonal prediction system at UKMO

1000-1020 Roberto Buizza (ECMWF)
Strategy for development of seasonal prediction system at ECMWF

1020-1035 Nobumasa Komori (Earth Simulator Center)
CFES: Coupled GCM for the Earth Simulator---Current status and future directions

1035-1050 **Coffee Break**

1050-1120 Masahide Kimoto (University of Tokyo)

Expanding the horizon of seasonal prediction using state-of-the-art climate models

1120-1200 Discussion and summary of the workshop (on a proposal)

1200-1205 Closing address (Kiyoharu Takano (Director of Climate Prediction Division, JMA))

List of Abbreviation

JMA	: Japan Meteorological Agency
ECMWF	: European Centre for Medium-Range Weather Forecasts
IPRC	: International Pacific Research Center
JAMSTEC	: Japan Agency for Marine-Earth Science and Technology
NCEP	: National centers for Environmental Prediction
IAP	: Institute of Atmospheric Physics
CAWCR	: Center for Australian Weather and Climate Research
MRI	: Meteorological Research Institute
CGCM	: Coupled General Circulation Model
CFES	: Coupled atmosphere-ocean-sea ice model for the Earth Simulator