

# International Workshop on the Applications of Advanced Climate Information in the Asia-Pacific Region

20 - 22 February 2007

Tokyo, Japan

## 1. Purposes of the workshop

We recognize the risk that climate-related hazards, such as floods, droughts and heat waves, may increase gradually due to global warming in this century, and it is getting increasingly important to identify climate information required in the decision-making process of various socio-economic sectors for their climate-related risk management. In order to promote the better use of climate information, the Japan Meteorological Agency (JMA) is holding an “International Workshop on the Applications of Advanced Climate Information in the Asia-Pacific Region” at the JMA headquarters in Tokyo funded by the Ocean Policy Research Foundation of Japan<sup>1</sup>. The main tasks and goals of the workshop are as follows:

- 1) *to summarize the prerequisite for climate-related products suitable for practical use in various socio-economic sectors including agriculture, water resource, health, energy and tourism, through the presentations on good practices in climate prediction applications and the requirements for applicable climate information by the users,*
- 2) *to delineate the direction for the research and development of tailored climate information products which are relevant to mitigation of climate-related hazards in the Asia-Pacific nations, through the presentations on the research and development activities on climate prediction information and its applications, and*
- 3) *to summarize the requirement and possible capability to be filled by the Regional Climate Center in the Asia-Pacific region, so as to assist the National Meteorological and Hydrological Services (NMHSs) in the region in providing advanced climate information tailored for socio-economic usage.*

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<sup>1</sup> **Ocean Policy Research Foundation**

Ship & Ocean Foundation (SOF), alias Ocean Policy Research Foundation, was established in 1975. Under support from The Nippon Foundation, the private non-profit organization is undertaking activities related to a wide range of maritime issues. As the scope of its activities have expanded, SOF has recently adopted a new name, "Ocean Policy Research Foundation," which better illustrates their current concerns and operations --- multi-disciplinary researches into ocean-related issues to make practical policy proposals in the areas of marine environment protection, maritime security, marine resources preservation, etc. OPRF is headquartered in Tokyo.

## 2. Tentative Agenda (Titles of the presentations are provisional)

Tuesday, 20 February 2007

### **Open seminar on the applications of climate information in various socio-economic sectors**

**(with English-Japanese interpretation)**

- 10:00-10:30 Registration of Participants
- 10:30-10:40 Opening Address  
Dr. Tetsu Hiraki (Director-General of JMA)
- 10:40-11:30 **Keynote Address**  
World-wide activities for promoting the practical use of climate information  
Dr. Rupa Kumar Kolli (WCP/WMO)
- 11:30-13:30 Lunch Break
- 13:30-14:30 **Invited Lecture 1**  
Best practices on the application of climate information in agricultural sector  
Dr. Roger Stone (Queensland Government/Australia)
- 14:30-15:30 **Invited Lecture 2**  
Best practices on the application of climate information in water resource management  
Dr. Michael Neil Ward (International Research Institute for Climate and Society/USA)
- 15:30-16:00 Coffee Break
- 16:00-17:00 **Invited Lecture 3**  
Possible application of climate information in weather risk management in energy sector  
Mr. Tsuyoshi Yamamoto (Mizuho-Daiichi Financial Technology Co., Ltd./Japan)

Wednesday, 21 February 2007

### **Workshop on the application of advanced climate information in the Asia-Pacific region**

**(working language: English)**

- 09:30-14:30 **Session 1: Reports on the status and future plans of climate information and its application for the domestic users**
- 09:30-09:55 presentation by Dr. Hoang Duc Cuong  
(National Hydro-Meteorological Service/Viet Nam)

- 09:55-10:20 presentation by Dr. Boonlert Archevarahuprok  
(Thai Meteorological Department/Thailand)
- 10:20-10:45 Break
- 10:45-11:10 presentation by Mr. Zabani Md. Zuki  
(Malaysia Meteorological Department/Malaysia)
- 11:10-11:35 presentation by Mr. Soetamto  
(Meteorological and Geophysical Agency/Indonesia)
- 11:35-12:00 presentation by Dr. Hyun-Kyung Kim  
(Korea Meteorological Administration/Korea)
- 12:00-13:30 Lunch Break
- 13:30-13:55 presentation by Dr. Yuping Yan  
(China Meteorological Administration/China)
- 13:55-14:20 presentation by Mr. Shunji Takahashi  
(Climate Prediction Division/JMA/Japan)
- 14:20-14:40 Coffee Break
- 14:40-17:30 Session 2: Recent developments which would serve for the advancement of climate information and its application in the Asia-Pacific region**
- 14:40-15:10 Application of Japanese Re-Analysis (JRA) data for climate information  
Mr. Kazutoshi Onogi (Climate Prediction Division/JMA)
- 15:10-15:40 Development of multi-model ensemble technique and its application  
Dr. Daisuke Nohara (APEC Climate Centre)
- 15:40-16:00 Coffee Break
- 16:00-16:30 Development of point-wise probabilistic prediction guidance using statistical downscaling method  
Mr. Shotaro Tanaka (Tokyo Climate Center/JMA/Japan)
- 16:30-17:00 Research on application of climate information to agriculture in South-eastern Asia  
Dr. Hitoshi Toritani  
(National Institute for Agro-Environmental Sciences/Japan)
- 17:00-17:30 Research on application of climate information to water resource management in South-eastern Asia  
Dr. Shinjiro Kanae  
(Research Institute for Humanity and Nature/Japan)

