

Second Session of the East Asia winter Climate Outlook Forum

29 – 31 October 2014, Tokyo, Japan

Agenda

Wednesday, 29 October

Opening session:

09:45 – 10:05

- Welcome Address (Dr. Tatsuo YOKOYAMA, Director-General of Global Environment and Marine Department, JMA)
- Self-Introduction
- Group Photo

10:05 – 10:15 Coffee Break

Session 1: Current Status and Future Plan of Seasonal Forecasting Service (*Chair: Dr. Kazutoshi ONOGI, JMA*)

10:15 – 12:20

- Seasonal Climate Prediction Operation in Beijing Climate Center (Dr. Zongjian KE, BCC/CMA) 25min
- Recent development of JMA's climate services (Mr. Shuhei MAEDA, JMA) 25min
- Long-Range Forecast Services in KMA (Ms. Jeongsun KIM, KMA) 25min
- Development of Seasonal forecasting service in Mongolia (Ms. Oyunjargal LAMJAV, NAMEM) 25min
- JMA's New Seasonal Prediction System: JMA/MRI-CGCM2 (Mr. Chihiro MATSUKAWA, JMA) 25min

12:20 – 13:40 Lunch

Session 1 (cont.): (*Chair: Mr. Takashi YAMADA, JMA*)

13:40 – 15:25

- Seasonal predictability of tropical cyclone formation by the JMA/MRI-CGCM (Mr. Yutaro KUBO, JMA) 25min
- Subseasonal predictability in negative phases of the Arctic Oscillation (Mr. Atsushi MINAMI, JMA) 30min
- The JRA-55 Reanalysis: General specifications and basic characteristics (Dr. Kazutoshi ONOGI, JMA) 25min
- Recent JMA's activities for climate related decision making – Climate Risk Management in the Apparel Industry – (Mr. Shoichiro MIYAWAKI, JMA) 25min

Session 2: Understanding of phenomena related to seasonal prediction of the East Asian Winter Monsoon and their predictability (*Chair: Mr. Shuhei MAEDA, JMA*)

15:25 – 16:00

- Global warming hiatus: its mechanisms and role of internal decadal variability (Dr. Masahiro WATANABE, University of Tokyo) 35min

16:00 – 16:20 Coffee break

Session 2 (cont.): (*Chair: Mr. Shuhei MAEDA, JMA*)

16:20 – 18:05

- Roles of the Planetary Wave Reflection in the Stratosphere-Troposphere Dynamical Coupling (Dr. Hitoshi MUKOUGAWA, Kyoto University) 35min
- Various ENSOs and East Asian winter monsoon (Dr. Tomoaki OSE, MRI/JMA) 35min
- Arctic Sea Ice and East Asian winter monsoon (Dr. Meiji HONDA, Niigata University) 35min

18:30 – 20:00 Reception at the KKR Hotel Tokyo

Thursday, 30 October

Session 3: Climate variations associated with the East Asian monsoon: (*Chair: Ms. Jeongsun KIM, KMA*)

09:15 – 10:30

- The relationship between Japan's recent temperature and decadal variability (Mr. Yusuke URABE, JMA) 25min
- Statistical relationship between ENSO and East Asian climate (Mr. Motoaki TAKEKAWA, JMA) 25min
- The Characteristics of North China drought in the summer 2014 and its relationship with the East Asian monsoon (Mr. Cunjie ZHANG, BCC/ CMA) 25min

10:30 – 10:50 Coffee break

Session 3 (cont.): (*Chair: Ms. So-Young YIM, KMA*)

10:50 – 12:30

- Weakening of stratospheric polar vortex by Arctic sea-ice loss (Dr. Baek-Min KIM, KOPRI) 25min
- Variations of the Arctic Oscillation and its impact on East Asian winter (Mr. Kengo MIYAOKA, JMA) 25min
- Relationship between AO, NAO and EAWM index and climate of Mongolia (Ms. Oyunjargal LAMJAV, NAMEM) 25min
- Improvement in simulation of Eurasian winter climate variability with a realistic Arctic sea

ice condition in an atmospheric GCM (Prof. Yoo-Geun HAM, Chonnam National University)

12:30 – 13:50 Lunch

Session 4: Review of recent climatic features in East Asia: (Chair: Mr. Cunjie ZHANG, CMA)

13:50 – 15:05

- Characteristics of 2014 Summer over Korea (Ms. So-Young YIM, KMA) 25min
- Characteristics of East Asian summer monsoon 2014 (Mr. Yoshinori OIKAWA, JMA) 25min
- An Overview of Climate Characteristics of 2014 Summer over China (Mr. Pengling WANG, BCC/CMA) 25min

15:05 – 15:25 Coffee break

Session 5: Seasonal outlook for winter 2014/15 (Chair: Mr. Norihisa FUJIKAWA, JMA)

15:25 – 17:30

- ENSO outlook (Mr. Ichiro Ishikawa, JMA) 20min
- Seasonal Outlook of the Climate in 2014/2015 Winter over China (Ms. Mingzhu YANG, BCC/CMA) 20min
- Cold Season Outlook for Winter 2014/2015 over Japan (Mr. Masayuki HIRAI, JMA) 20min
- Climate Outlook for 2014/15 Winter over Korea (Ms. Seongeun LEE, KMA) 20min
- Recent climate feature and seasonal outlook for winter 2014/15 in Mongolia (Ms. Oyunjargal LAMJAV, NAMEM) 25min
- APCC Climate Prediction for Winter 2014/2015 (Ms. Yoojin KIM, APCC) 20min

Friday, 31 October

09:30 – 10:30 Discussion and summary

Session 6: Discussion and summary of the winter outlook (Chair: Mr. Shotaro TANAKA, JMA)

Session 7: Discussion on the management of EASCOF (Chair: Ms. Teruko MANABE, JMA)

10:30 – 11:00 Discussion

Closing session

11:00 – 11:15