



ESCAP/WMO TYPHOON COMMITTEE 12th Integrated Workshop

“Tropical cyclone related forecast, warning and DRR in the era of big data and social media: challenges and opportunities”

30 October-03 November 2017

Jeju, Republic of Korea

TENTATIVE PROGRAMME

(30 October 2017)

DAY 1: MONDAY, 30 OCTOBER 2017

08:00-09:00 Registration
09:00-09:45 Opening Ceremony

Welcoming Remarks

Dr. NAM Jaecheol, Administrator of Korea meteorological Administration (Recorded Video)
Dr. SHIM Jaehyun, Director General of National Disaster Management Research Institute
Dr. CHO Hyoseob, Han River Flood Control Office, Republic of Korea
Mr. Yu Jixin - Typhoon Committee Secretary, Typhoon Committee Secretariat
Dr. Chungkyu PARK, Regional Director, Office of Asia and the SW Pacific, Development and Regional Activities Department, World Meteorological Organization

Opening Address

Dr. CHUN Youngsin, Director of National Typhoon Center/KMA

09:45-10:00 Group photo
(10:00-10:20 Coffee Break)

10:20-12:30 **Plenary Session – KEYNOTE LECTURES** on the main theme of **“Tropical cyclone related forecast, warning and DRR in the era of big data and social media: challenges and opportunities”**

10:20-10:50 Consensus on Climate Trends in Western North Pacific Tropical Cyclones – *Dr. Nam-Young Kang, Deputy Director of National Typhoon Center/KMA*
10:50-11:20 Tropical cyclone forecast improvements at JMA - Challenges and opportunities with the Big Data – *Mr. Chiashi Muroi, Tokyo Typhoon Center, Japan Meteorological Agency*
11:20-11:50 Use of Big Data and Crowdsourcing in Tropical Cyclone related Disaster Risk Reduction in Hong Kong, China - *Dr. TC LEE, Scientific Officer, Hong Kong Observatory*
11:50-12:20 CMA Typhoon Analysis and Forecast in the Era of Big Data and Social Media – *Ms. Wang Qian, CMA*
12:30-14:00 Lunch



- 14:00-17:00 **Plenary Session - KEYNOTE LECTURES** (Cont'd)
- 14:00-14:30 Development of Typhoon Regional Unified Model in Korea – *Dr. Dong-Hyun Cha, Associate Professor of Ulsan National Institute of Science and Technology*
- 14:30-15:00 Recent Progress on WMO Global Multi-Hazard Alert System (GMAS) – *Dr. Taoyong Peng, WMO*
- (15:00-15:20 Coffee Break)**
- 15:20-15:50 Urban flood response using social media in emergency - *Mr. Park, Mun Hyun, Dongbu Engineering co.*
- 15:50-16:20 Preliminary evaluation of the first rocket deployed dropsonde observations in STY Mujigae (2015) – *Mr. Tang Jie, CMA*
- 16:20-17:30 Plenary Wrap-up Discussion
- 18:00- Welcome Reception

DAY 2: TUESDAY, 31 OCTOBER 2017

- 08:30-12:30 **Parallel Session – WGM, WGH, and WGDRR: Members Report**
(10:00-10:20 Coffee Break)
- 12:30-14:00 Lunch
- 14:00-17:30 **Parallel Session** - WGM, WGH, WGDRR and TRCG meetings: WGs' Activities
(the programs/agenda of WGs' meetings and TRCG meeting will be provided by corresponding WG Chairs)
(15:00-15:20 Coffee Break)

DAY 3: WEDNESDAY, 01 NOVEMBER 2017

- 08:30-12:30 **Parallel Session** - WGM, WGH, WGDRR and TRCG meetings: WGs' Activities (Cont'd)
(10:00-10:20 Coffee Break)
- 12:30-13:30 Lunch
- 13:30-17:30 **Parallel Session** - WGM, WGH, WGDRR and TRCG meetings: WGs' Activities (Cont'd)
(15:00-15:20 Coffee Break)

DAY 4: THURSDAY, 02 NOVEMBER 2017

- 08:30-11:30 **Plenary Session** - Reports of the Working Groups (WGM, WGH, WGDRR and TRCG, 30 minutes each)
- Discussion on TC Cross-cutting issues: EXOTICCA and SSOP-II
(10:00-10:20 Coffee Break)
- 11:30-12:30 **Closing Session** of 12th IWS
Dr. YOO Heedong, Director General of Forecast Bureau, KMA
- 12:30-13:30 Lunch
- 13:30-17:30 **Technical visit**
- 18:00- Farewell Dinner

DAY 5: FRIDAY, 03 NOVEMBER 2017

AWG Meeting

(Agenda to be prepared by TCS in consultation with AWG Chair)