

ESCAP/WMO TYPHOON COMMITTEE
17th Integrated Workshop
Video Conference

*“Tropical Cyclone Planning, Forecasting and
Response Services for Early Warning and Early Action”*

29-30 November 2022

Organized by Typhoon Committee Secretariat (TCS)

TENTATIVE PROGRAMME

(Updated 23 November 2022)

- Time schedule in the programme refers to **HK time (UTC +8)**
- Please consider joining the meeting **15 minutes earlier for Roll Call and House Rules**
- Meeting links for the plenary session and Working Group parallel meetings will be provided to registered participants separately in due course.

DAY 1: TUESDAY, 29 NOVEMBER 2022 – Moderated by TCS/TC54 Chair

09:15 Roll Call and House Rules - TCS

09:30-10:00 Opening Ceremony - TCS

Welcoming Remarks

Madam Outhone PHETLUANGSY, Director General of Department of Meteorology & Hydrology (DMH) of Lao PDR and *Chairperson of the Typhoon Committee*

Mr. Cyrille Honoré, *Director of Disaster Risk Reduction and Public Services Branch, Services Department/WMO (TBC)*

Mr. Sanjay SRIVASTAVA, *Chief of Disaster Risk Reduction DRS/(IDD), ESCAP*

Welcome Message – Mr. YU Jixin, *Typhoon Committee Secretary, TCS*

Group Photo

Moderated by TC54 Chair

10:00-12:00 Members' technical presentations on 17th IWS Theme (**15 minutes each, up to 8 technical presentations**)

10:15-10:30 ***Tropical cyclone track uncertainty based on Multi-model Ensemble*** – Ms. Joohyung SON, National Typhoon Center / KMA

10:30-10:45 ***Anticipatory Actions in Vietnam—Some Lessons and Way Forward***- Dr. DOAN Thi Tuyet Nga, Director of Science Technology and International Cooperation, Vietnam Disaster Management Authority, Minister of Agriculture and Rural Development

10:45-11:00 ***Improving Early Warning for Storm Surge in Japan by "Probability of Warnings"***- Mr. KOBASHIGAWA Yutaka, Office of Marine Prediction, Japan Meteorological Agency

- 11:00-11:15 *Science based approach to visualize flood risk – The outcome of the 4th Asia–Pacific Water Summit* – Mr. TOKIOKA Toshikazu, Director for International Coordination of River Engineering, Ministry of Land, Infrastructure, Transport and Tourism of Japan
- 11:15-11:30 *Advances in the Typhoon Rapid Refresh Analysis and Nowcasting Systems (TRANSv1.0)* - Dr. DUAN Yihong, National Meteorological Centre/CMA
- 11:30-12:00 *Extratropical Impact on the Subseasonal-to-seasonal Tropical Cyclone Frequency over the Northwestern Pacific* - Ms. JIN Rui, Asia-Pacific Typhoon Collaborative Research Centre
- 12:00-12:30 Plenary Discussion
- 12:30-13:00 Presentation on SSOP III Project
- 13:00 End of morning session

Lunch Break

- 14:00-17:00 **Working Group Parallel Meetings (WGM, WGH, WGDRR and TRCG)**
- Meetings if required by Working Groups (Meeting links will be provided to registered participants separately).

DAY 2: WEDNESDAY, 30 NOVEMBER 2022 – Moderated by TRCG Chair / AWG Chair

Moderated by TRCG Chair

- 09:00-11:30 TRCG Special Session (Plenary) - invited experts nominated by Working Groups
- 09:00 – 09:05 Opening remarks
- 09:05 – 09:25 *Application of remote sensing technology to determine urban flood warning threshold* - Dr Dongkyun KIM
- 09:25 – 09:45 *Wind scatterometry for tropical cyclones: recent research and applications* - Dr Xingou XU
- 09:45 – 10:05 *Enhancement of Flood Resilience by Platform on Water Resilience and Disasters* - Dr Mamoru MIYAMOTO
- 10:05 – 10:25 *Why do eastern North Pacific hurricanes intensify more and faster than their western-counterpart typhoons with less ocean energy?* - Dr Il-Ju MOON

10:25 – 10:40 Break

- 10:40 – 10:55 *Inter-agency discrepancies in tropical cyclone intensity estimates over the western North Pacific in recent years* - Dr Lina BAI
- 10:55 – 11:10 *New trial for real time visualization of three-dimensional structure from GK2A of 11th typhoon 'Hinnamnor' in 2022* - Dr Eun Jeong CHA
- 11:10 – 11:25 *How machine learning can improve tropical cyclone forecasts – perspectives from rainfall nowcast and intensity prediction* - Mr Wai Kin WONG
- 11:30 – 12:30 Wrap-up Discussions on TRCG Special Session
- 12:30 End of morning session

Lunch Break

Moderated by AWG Chair

- 14:00-16:00 Plenary Session - Reports of the Working Groups (**25 minutes** for each Working Group)
- (i) Chairperson of WGM
 - (ii) Chairperson of WGH
 - (iii) Chairperson of WGDRR
 - (iv) Chairperson of TRCG

16:00-17:00	Plenary discussion on cross-cutting projects/issues and AOPs
17:00-17:20	Report on the progress of AP-TCRC
17:20-17:35	Any Other Business
17:35-17:45	Closing by TCS