"WMO/ASEAN Training Workshop on Weather Radar Data Quality and Standardization" opens in Bangkok, Thailand

The WMO and the Association of the Southeast Asian Nations (ASEAN) organize the WMO/ASEAN Training Workshop on Weather Radar Data Quality and Standardization in Bangkok, Thailand, from 5 to 13 February 2018. The event is hosted by the Thai Meteorological Department (TMD) and supported by JMA. Radar experts from 10 National Meteorological and Hydrological Services (NMHSs) in Southeast Asia (Bangladesh, Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Philippines, Singapore, Thailand and Viet Nam) participates in the workshop. Experts dispatched from JMA, the Chair and Vice-chair of the WMO Inter-Programme Expert Team on Operational Weather Radars (IPET-OWR), representatives from weather radar manufacturers in Japan/Germany and other technical staff will also give presentations.

This workshop aims to address regionally common challenges for severe weather monitoring and forecasting in Southeast Asia. A lot of weather radars having been installed in the region and the necessity of effective utilization of weather radar data has been increasing. In addition, improved Quality Control (QC) and international real-time data exchange are very important in contributing to Disaster Risk Reduction (DRR) in the region. Thus, capacity-building in weather radar techniques is crucial concern for a lot of NMHSs in Southeast Asia.

At the beginning of the workshop, the leader of the joint regional WMO Integrated Global Observation System (WIGOS) project in Regional Association II (RA II) (Asia) and RA V (Southwest Pacific) "Capacity building in radar techniques in the Southeast Asia" and the chair of IPET-OWR delivered keynote speeches. They shared among participants the view of importance of the regional radar network in Southeast Asia, which need to stand on the firm capacity building in every NMHS.

During the 8-days workshop, the participants will learn comprehensive
matters on weather radars through both theoretical and practical sessions. They will take a series of lectures which treated basics, maintenance, dual-polarization technologies, data Quality Control (QC) and Quantitative Precipitation Estimation (QPE) methods. They will also conduct hands-on trainings on QC and summarizing a disaster event using meteorological data including weather radars.