**APPENDIX XXX**

TC49 SESSION

**Acronyms and Abbreviations**

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| ADB | Asian Development Bank |
| ADRC | Asian Disaster Reduction Center |
| AOMSUC | Asia-Oceania Meteorological Satellite Users Conference |
| AOP | Annual Operating Plan |
| ARWS | Automatic Rainfall Warning System |
| AWG | Advisory Working Group |
| BOH | Bureau of Hydrology |
| CAP | Common Alerting Protocol |
| Cb | Cumulonimbus |
| CCTV | Closed-circuit television |
| CI | Current Intensity |
| CIFDP | Coastal Inundation Forecasting Demonstration Project |
| CMA | China Meteorological Administration |
| CoDi | Collaborative Discussion |
| DID | Department of Irrigation and Drainage |
| DMH | Department of Meteorology and Hydrology |
| DPR Korea | Democratic People's of Republic of Korea |
| ECMWF | European Centre for Medium - Range Weather Forecasts |
| EFFS | Extreme Flood Forecasting System |
| ESCAP | Economic and Social Commission for Asia and the Pacific |
| EXOTICCA | Experiment on Typhoon Intensity Change in Coastal Area |
| FFAS | Flash Flood Alert System |
| HKO | Hong Kong Observatory |
| HRFCO | Han River Flood Control Office |
| ICHARM | International Centre for Water Hazard and Risk Management |
| iCowin | Community Weather Information Network |
| IFRC | International Federation of Red Cross and Red Crescent Societies |
| IN-MHEWS | International Network for Multi-hazard Early Warning System |
| IWS | Integrated Workshop |
| JICA | Japan International Cooperation Agency |
| JMA | Japan Meteorological Agency |
| JTWC | Joint Typhoon Warning Center |
| KICT | Korea Institute of Construction Technology |
| KMA | Korea Meteorological Administration |
| KRA | Key Result Area |
| MCGE | Multi-Center Grand Ensemble |
| MLIT | Ministry of Land, Infrastructure, Transport and Tourism, Japan |
| MMD | Malaysian Meteorological Department |
| MOLIT | Ministry of Land, Infrastructure and Transport |
| NDRCC | National Disaster Reduction Centre of China |
| NCEP | National Centers for Environmental Prediction |
| NDMI | National Disaster Management Institute |
| NG-TRAMS | New Generation of TRAMS |
| NHMS of Viet Nam | National Hydro-Meteorological Service of Viet Nam |
| NMHSs | National Meteorological and Hydrological Services |
| NOAA | National Oceanic and Atmospheric Administration |
| NTC | National Typhoon Center |
| NTP | Numerical Typhoon Prediction |
| NWP | North Western Pacific |
| NWS | National Weather Service |
| OC | Organizing Committee |
| OSUFFIM | Operational System for Urban Flood Forecasting and Inundation Mapping |
| PAGASA | Philippine Atmospheric, Geophysical and Astronomical Services Administration |
| POP | Perennial Operating Project |
| PP | Preliminary Project |
| PTC | Panel on Tropical Cyclones |
| QPE | Quantitative Precipitation Estimation |
| QPF | Quantitative Precipitation Forecast |
| RFSC | Regional Forecasting Support Center |
| RID | Royal Irrigation Department |
| RIMES | The Regional Integrated Multi-Hazard Early Warning System for Africa and Asia |
| ROK | Republic of Korea |
| RSMC | Regional Specialized Meteorological Center |
| RTC | WMO Regional Training Center |
| SC | Steering Committee |
| SCS | South China Sea |
| SMG | Macao Meteorological and Geophysical Bureau |
| SOP | Standard Operating Procedures |
| SSOP | Synergized Standard Operating Procedures for Coastal Multi-Hazards Early Warning System |
| STI | Shanghai Typhoon Institute |
| SWFDP | Severe Weather Forecasting Demonstration Project |
| SWIC | Severe Weather Information Center |
| SWIget | A widget to display severe weather warnings in real-time |
| SYS | Sun Yat-Sen |
| TAPS | Typhoon Analysis and Prediction System |
| TC | Tropical Cyclone/Typhoon Committee |
| TCA | Tropical Cyclone Advisory |
| TCDIS | Typhoon Committee Disaster Information System |
| TCP | Tropical Cyclone Programme |
| TCRR | Tropical Cyclone Research and Review |
| TCRR | Tropical Cyclone Research and Review |
| TCS | Typhoon Committee Secretariat |
| TCTF | Typhoon Committee Trust Fund |
| TCWC | Tropical Cyclone Warning Centre |
| TECO | Technical Conference |
| TEPS | Typhoon Ensemble Prediction System |
| TLFDP | Typhoon Landfall Forecast Demonstration Project |
| TMD | Thai Meteorological Department |
| TOM | Typhoon Committee Operational Manual |
| TOR | Terms of Reference |
| TRAMS | Tropical Region Assimilation Model for South China Sea |
| TRCG | Training and Research Coordination Group |
| UFRM | Guidelines of Urban Flood Risk Management |
| UKMO | United Kingdom Met Office |
| UPDRAFT | Understanding and PreDiction of Rainfall Associated with landFalling Tropical cyclones |
| WGDRR | Working Group on Disaster Risk Reduction |
| WGH | Working Group on Hydrology |
| WGM | Working Group on Meteorology |
| WGTMR | Working Group on Tropical Meteorological Research |
| WIGOS | WMO Integrated Global Observing System |
| WMO | World Meteorological Organization |
| WWRP | World Weather Research Program |