**APPENDIX XXVIII**

TC48 SESSION

**Acronyms and Abbreviations**

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| --- | --- |
| AAO | Antarctic Oscillation |
| ADPC | Asian Disaster Preparedness Center |
| ADRC | Asian Disaster Reduction Center |
| AMCDRR | Asia Ministerial Conference for Disaster Risk Reduction |
| AMRFF | Atmospheric Model Based Rainfall & flood Forecasting System |
| AMV | Atmospheric Motion Vector |
| AO | Arctic Oscillation |
| AOP | Annual Operating Plan |
| AR | Assessment Report |
| ARWS | Automatic Rainfall Warning System |
| ASEAN | Association of Southeast Asian Nations |
| ASFCM | Assessment System of Flood Control Measures on Socio-economic Impacts |
| AWG | Advisory Working Group |
| AWS | Automated Weather Station |
| BOH | Bureau of Hydrology |
| BoM | Bureau of Meteorology, Australia |
| CAP | Common Alerting Protocol |
| CAS | Commission for Atmospheric Sciences |
| Cb | Cumulonimbus |
| Cg | WMO Congress |
| CHy | Commission for Hydrology |
| CI | Current Intensity |
| CIFDP | Coastal Inundation Forecasting Demonstration Project |
| CLOUD | Cloud grid information objective Dvorak analysis |
| CMA | China Meteorological Administration |
| CMIP5 | Coupled Model Intercomparison Project Phase 5 |
| Co-WIN | Community Weather Information Network |
| CXML | Commerce Extensible Markup Language |
| DID | Department of Irrigation and Drainage |
| DMH | Department of Meteorology and Hydrology |
| DMP | Drainage Master Plan |
| DSD | Drainage Services Department |
| DWD | Deutccher Wetterdienst |
| ECMWF | European Centre for Medium - Range Weather Forecasts |
| ECMWF-IFS | ECMWF-Integrated Forecast System |
| EFFS | Extreme Flood Forecasting System |
| EIO SSTA | East Indian Ocean SST Anomaly |
| EPS | Ensemble Prediction Systems |
| ESCAP | Economic and Social Commission for Asia and the Pacific |
| EXOTICCA | Experiment on Typhoon Intensity Change in Coastal Area |
| FARD | Frequency Analysis for Rainfall Data |
| FDP | Typhoon Intensity Forecasting Demonstration Project |
| FFAS | Flash Flood Alert System |
| FFWS | Flood Forecasting Warning System |
| GDPFS | Global Data-Processing and Forecasting Systems |
| GFCS | Global Framework for Climate Services |
| GFDL | Geophysical Fluid Dynamics Laboratory |
| GIS | Geographic Information System |
| GRAPES | Global/Regional Assimilation and Prediction System |
| GRIB | Gridded Binary |
| GWP | Global Water Partnership |
| HKO | Hong Kong Observatory |
| HRFCO | Han River Flood Control Office |
| HRTM | High Resolution Typhoon Model |
| HTCM | High Resolution Tropical Cyclone Model |
| IBTrCAS | International Best Track Archive for Climate Stewardship |
| ICAO | International Civil Aviation Organization |
| ICHARM | International Centre for Water Hazard and Risk Management |
| IFFRM | Integrated Flood Forecasting and River Monitoring System |
| IFFW | Integrated Flood Forecasting and Warning |
| IOC | Intergovernmental Oceanographic Commission |
| IPCC | Intergovernmental Panel on Climate Change |
| IRDiMS | Integrated Real-time Discharge Measurement System |
| ISSN | International Standard Serial Number |
| ITU | International Telecommunication Union |
| IWS | Integrated Workshop |
| IWSATC | International Workshop on Satellite Analysis of Tropical Cyclones |
| IWTC | International Workshop on Tropical Cyclones |
| IWTCLP | International Workshop on Tropical Cyclone Landfall Processes |
| JMA | Japan Meteorological Agency |
| JTWC | Joint Typhoon Warning Center |
| KICT | Korea Institute of Construction Technology |
| KMA | Korea Meteorological Administration |
| K-water | Korea Water Resources Corporation |
| LTFDP | Landfall Typhoon Forecast Demonstration Project |
| MCGE | Multi-Center Grand Ensemble |
| MFSD | Macao Fire Service Department |
| MLIT | Ministry of Land, Infrastructure, Transport and Tourism, Japan |
| MMD | Malaysian Meteorological Department |
| MODEL TCG | Tropical Cyclone Advisory Information in Graphical Format |
| MOLIT | Ministry of Land, Infrastructure and Transport |
| MOSPA | Ministry of Security and Public Administration |
| MOU/MOA | Memorandum of Understanding/Memorandum of Agreement |
| MTSAT | Multi-functional Transport Satellite |
| MWR | Ministry of Water Resources |
| NCEP | National Centers for Environmental Prediction |
| NCHMF | National Center for Hydro-Meteorological Forecasting |
| NDMI | National Disaster Management Institute |
| NFFS | National Flood Forecasting System |
| NGO | Non-Governmental Organization |
| NILIM | National Institute for Land and Infrastructure Management |
| NMC | National Meteorology Center |
| NMHS | National Meteorological and Hydrological Service |
| NOAA | National Oceanic and Atmospheric Administration |
| NTC | National Typhoon Center |
| NTP | Numerical Typhoon Prediction |
| NUIST | Nanjing University of Information Science & Technology ' |
| NWP | North Western Pacific |
| NWP-TCEFP | North Western Pacific Tropical Cyclones Ensemble Forecast Project |
| 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 |
| PDO | Pacific Decadal Oscillation |
| PE | Position Error |
| PMF | Probable Maximum Flood |
| PMP | Probable Maximum Precipitation |
| POP | Perennial Operating Project |
| PP | Preliminary Project |
| PR | Permanent Representatives |
| PTC | Panel on Tropical Cyclones |
| PWRI | Public Works Research Institute |
| PWS | Public Weather Services |
| QC  QPE | Quality Control Quantitative Precipitation Estimation |
| QPF | Quantitative Precipitation Forecast |
| RA | Regional Association |
| RDP | Research Demonstration Project |
| RFSC | Regional Forecasting Support Center |
| RID | Royal Irrigation Department |
| ROK | Republic of Korea |
| RSIP | Regional Subproject Implementation Plan |
| RSMC | Regional Specialized Meteorological Center |
| RTC | WMO Regional Training Center |
| SABO | SABO Technical Center |
| SBT | Satellite Based Information |
| SCI | Science Index Citation |
| SCMREX | South China Monsoon Rainfall Experiment |
| SDGs | Sendai Framework for Disaster Risk Reduction, Sustainable Development Goals |
| SEMMA | Soil Erosion Model for Mountainous Area |
| SMG | Macao Meteorological and Geophysical Bureau |
| SOP | Standard Operating Procedures |
| SP | Strategic Plan |
| SREPS | Short Range ensemble Prediction System |
| SRTM | Shuttle Radar Topography Mission |
| SSC | Scientific Steering Committee |
| SSOP | Synergized Standard Operating Procedures for Coastal Multi-Hazards Early Warning System |
| STDF | Science and Technology Development Fund |
| STI | Shanghai Typhoon Institute |
| SWFDP | Severe Weather Forecasting Demonstration Project |
| SWFDP-SeA | Severe Weather Forecast Demonstration Project in Southeast Asia |
| SWIC | Severe Weather Information Center |
| SWIRLS | Short-range Warning of Intense Rainstorms in Localized System |
| SYSU | Sun Yat-Sen University |
| TAPS | Typhoon Analysis and Prediction System |
| TC | Tropical Cyclone/Typhoon Committee |
| TCA | Tropical Cyclone Advisory |
| TCAC | Tropical Cyclone Advisory Center |
| TCC | Tropical Cyclone Committee |
| TCEFP | Tropical Cyclone Ensemble Forecast Project |
| TCFW | Tropical Cyclone Forecaster Website |
| TCM | Technical Coordination Meeting |
| TCP | Tropical Cyclone Programme |
| TCRR | Tropical Cyclone Research and Review |
| TCS | Typhoon Committee Secretariat |
| TCTF | Typhoon Committee Trust Fund |
| TCWC | Tropical Cyclone Warning Centre |
| TD | Tropical Depression |
| TEC‐FORCE | Technical Emergency Control FORCE |
| TEPS | Typhoon Ensemble Prediction System |
| TFEAS | Typhoon Forecast Evaluation and Assessment System |
| TFID | Track Forecast Integral Deviation |
| TIGGE | THORPEX Interactive Grand Global Ensemble |
| 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 |
| TS | Tropical Storm |
| UAV | Unmanned Aerial Vehicle |
| UFRM | Guidelines of Urban Flood Risk Management |
| UKMO | United Kingdom Met Office |
| UNESCO | United Nations Educational, Scientific and Cultural Organization |
| UNWCDRR | United Nations World Conference on Disaster Risk Reduction |
| WDMH | Water Disaster Management and Hydro-informatics |
| WGDRR | Working Group on Disaster Risk Reduction |
| WGH | Working Group on Hydrology |
| WGM | Working Group on Meteorology |
| WGTCDIS | WEB GIS based Typhoon Committee Disaster Information System |
| WGTMR | Working Group on Tropical Meteorological Research |
| WIGOS | WMO Integrated Global Observing System |
| WIS | WMO Information System |
| WLMS | Water Level Monitoring System |
| WMO | World Meteorological Organization |
| WPR | Wind-Pressure Relationship |
| WWF | World Water Forum |
| WWRP | World Weather Research Program |