

## Acronyms

ABR	Average Basin Rainfall
ADPC	Asian Disaster Preparedness Center
AIAA	American Institute of Aeronautics and Astronautics
ALERT	Automated Local Evaluation in Real Time
ALFWS	Automated Local Flood Warning System
AMBER	Areal Mean Basin Estimated Rainfall
ANSI	American National Standards Institute
AOR	Area Of Responsibility
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer
AVNHEWS	Aburra Valley Natural Hazard Early Warning System
CAMI	Central America Mitigation Initiative
CAFFG	Central American Flash Flood Guidance
CBDRM	Community-Based Disaster Risk Management
CBFFWS	Community-Based Flash Flood Warning System
CCR	Coastal Community Resilience
CDS	CAFFG Dissemination Server
CLOPAD	Local Committees for Prevention and Disaster Management (Columbia)
CMORPH	CPC Morphing Technique (NOAA)
COMET	Cooperative Program for Operational Meteorology, Education and Training
ConOps	Concept of Operations
CONUS	The 48 Contiguous United States (i.e., excluding Alaska and Hawaii)
CPC	Climate Prediction Center (NOAA)
CPS	CAFFG Processing Server
CREPAD	Regional Committees for Prevention and Disaster Management (Columbia)
dBZ	Decibels of equivalent reflectivity
DCP	Data Collection Platform
DCW	Digital Chart of the World
DFWO	District Flood Warning Office
DPAD	National Office for Prevention and Disaster Management (Colombia)

EMLPP	Enhanced Multilevel Precedence and Pre-emption Services
EMRS	Electronic Maintenance Reporting System
EMWIN	Emergency Managers Weather Information Network
EOC	Emergency Operations Center
ERSDA	Earth Remote Sensing Data Analysis Center (NASA)
ET	Evapo-Transpiration
EWS	Early Warning System
FAO	Food and Agriculture Organization (United Nations)
FCD	Flood Control District
FCDMC	Flood Control District Maricopa County (Arizona, USA)
FFFSS	Flash Flood Forecast Subsystem
FFG	Flash Flood Guidance
FFMP	Flash Flood Monitoring and Prediction
FFPI	Flash Flood Potential Index
FHWA	Federal Highway Administration (USA)
GEO	Group on Earth Observations
GEONETCast	A Task in the GEO Work Plan led by EUMETSAT, the United States, China, and the World Meteorological Organization
GEOSS	Global Earth Observation System of Systems
GFAS	Global Flood Alert System
GFFGS	Global Flash Flood Guidance System
GFS	Global Forecasting System
GIS	Geographic Information System
GMSRA	GOES Multi-spectral Rainfall Algorithm
GOES	Geostationary Operational Environmental Satellite
GPRS	General Packet Radio System
GPS	Global Positioning System
GSFC	Goddard Space Flight Center (NASA)
GSM	General Switched Messaging
GTS	Global Telecommunications System (WMO)
GUI	Graphic User Interface
HFA	Hyogo Framework for Action 2005-2015
HRAP	Hydrologic Rainfall Analysis Project (US NWS)
HRC	Hydrologic Research Center
HTML	HyperText Markup Language
IDEAM	Institute of Hydrology, Meteorology and Environmental Studies (Columbia)
IDI	Infrastructure Development Institute (Japan)
IFLOWS	Integrated Flood Observing and Warning System
IFNet	International Flood Network
IFRC	International Federation of the Red Cross
IMN	Instituto Meteorológico Nacional (San Jose, Costa Rica)

ISDR	International Strategy for Disaster Reduction (WMO)
ISP	Internet Service Provider
IT	Information Technology
IEEE	Institute for Electrical and Electronics Engineers
JAROS	Japanese Resource Observation System
JAXA	Japan Aerospace Exploration Agency
LAN	Local Area Network
LFWS	Local Flood Warning System
MAC-OSX	Tenth major version of Apple's operating system for Macintosh computers
MAP	Mean Areal Precipitation
MHEWS	Multi-Hazard Early Warning System
METI	Ministry of Economy, Trade and Industry (Japan)
MLIT	Ministry of Land Infrastructure, Transport and Tourism (Japan)
MOU	Memorandum of Understanding
MRCFFG	Mekong River Commission Flash Flood Guidance
MSS	Message Switching System
MTC	Meteorological Telecommunication Center
MTN	Main Telecommunication Network
NASA	National Aeronautics and Space Administration (USA)
NBD	National Basin Delineation
NESDIS	National Environmental Satellite Data and Information Service (NOAA)
NGO	Non-Government Organization
NHS	National Hydrologic Service
NMHS	National Meteorological and Hydrological Service
NMS	National Meteorological or Hydrometeorological Service
NMTN	National Meteorological Telecommunication Networks
NOAA	National Oceanic and Atmospheric Administration
NRL	Naval Research Laboratory (USA)
NWP	Numerical Weather Prediction
NWS	National Weather Service
OCHA	Office for the Coordination of Humanitarian Affairs (UN)
OES	Office of Emergency Services
OFDA	Office of U.S. Foreign Disaster Assistance
PAGASA	Philippine Atmospheric, Geophysical and Astronomical Services Administration
PQPF	Probabilistic Quantitative Precipitation Forecast
PSTN	Public Switched Telephone Network
QPE	Quantitative Precipitation Estimate (from observations)
QPF	Quantitative Precipitation Forecast (from forecasting models/schemes)

RANET	Radio and Internet for the Communication of Hydrometeorological and Climate-related Information
RFC	River Forecast Center (NOAA)
RMTN	Regional Meteorological Telecommunication Networks
RSS	Really Simple Syndication
RTH	Regional Telecommunication Hubs
RVAT	Risk and Vulnerability Assessment Tool (NOAA)
SCaMPR	Self-Calibrating Multivariate Precipitation Retrieval
SHMU	Slovak Hydro-Meteorology Unit
SMS	Short Messaging Service
SSRN	Natural Risks Situation Room (Piedmont, Italy)
STAR	Center for Satellite Applications and Research (NOAA)
TPMA	TRMM Multi-satellite Precipitation Analysis
TRMM	Tropical Rainfall Measuring Mission
UHF	Ultra High Frequency (between 300 MHz and 3 GHz)
UN	United Nations
UNDP	United Nations Development Program
UNESCO	United Nations Educational, Scientific and Cultural Organization
UPB	Universidad Pontificia Bolivariana
UPS	Uninterruptible Power Supply
USAID	U.S. Agency for International Development
USD	U.S. Dollars
VHF	Very High Frequency (30 MHz to 300 MHz)
WIS	WMO Information System
WMC	World Meteorological Center
WMO	World Meteorological Organization
WSR-88D	Weather Surveillance Radar – 1988 Doppler (NOAA)
XML	eXtensible Markup Language