

## ACRONYMS:

ACPC - Aerosol-Cloud-Precipitation-Climate

AGU – American Geophysical Union

AMS – American Meteorological Society

AMSU-B - Advanced Microwave Sounding Unit B

AVHRR - Advanced Very High Resolution Radiance

AWCI - Asian Water Cycle Initiative

BALTEX - Baltic Sea Experiment

BOREAS - Boreal Ecosystems-Atmosphere Study

CBERS – China-Brazil Earth Resources Satellite

CCCMA - Canadian Centre for Climate Modelling and Analysis

CEOP (pre-2007) - Coordinated Enhanced Observing Period

CEOP (post-2007) – the Coordinated Energy and water cycle Observations Project

CEOS – Committee on Earth Observation Satellites

CFCAS – Canadian Foundation for Climate and Atmospheric Sciences

CLASS - Canadian Land Surface Scheme

CLIVAR - Climate Variability and Predictability programme

CMAP - CPC Merged Analysis of Precipitation

CPC - Climate Prediction Center (NOAA)

CPPA - Climate Prediction Program of the Americas

CPTEC - Centro de Previsao de Tempo e Estudos Climaticos

CRCM - Canadian Regional Climate Model

CSE - Continental Scale Experiments

DRI - Drought Research Initiative

ECMWF - European Center for Medium-range Weather Forecasting

EGU – European Space Agency

ENSO – El Nino Southern Oscillation

ERA-40 - ECMWF Reanalysis-40

ESSP – Earth System Science Partnership

FAO – Food and Agriculture Organization

GAME - GEWEX Asian Monsoon Experiment

GAPP - GEWEX Americas Prediction Project

GCIP - GEWEX Continental-scale International Project

GCTE – Global Change and Terrestrial Ecosystems

GEM - Global Environmental Multiscale model

GEO - Group on Earth Observations

GEOSS - Global Earth Observing System of Systems

GEWEX - Global Energy and Water cycle Experiment

GGMN - Global Groundwater Monitoring Network

GHG - Greenhouse Gas

GHP - GEWEX Hydrometeorology Panel

GLACE - Global Land Atmospheric Coupling Experiment

GLASS - Global Land-Atmosphere System Study

GMPP - GEWEX Modeling and Prediction Panel

GOAPP - Global Ocean-Atmosphere Prediction and Predictability

GOES - Geostationary Operational Environmental Satellite

GPCC - Global Precipitation Climatology Center

GPCP - Global Precipitation Climatology Project

GRACE - Gravity Recovery and Climate Experiment

GRP - GEWEX Radiation Panel

GSWP - Global Soil Wetness Project

GTN-H - Global Terrestrial Network (WMO/GCOS )

GTOS – Global Terrestrial Observing System

GWSP – Global Water System Project

HARON – Hydrological Applications and Run-off Network

ICSU – International Council of Scientific Unions (update needed)

IGBP – International Geosphere-Biosphere Programme

IGOS-P - Integrated Global Observing Strategy Partnership

IGWCO - Integrated Global Water Cycle Observations

IPCC - Intergovernmental Panel on Climate Change

IPWG - International Precipitation Working Group

IPY - International Polar Year

ISLSCP - International Satellite Land-Surface Climatology Project

ITC – International Institute for geo-Information Science and Earth Observation

IWMI - International Water Management Institute

JAXA – Japan Aerospace Exploration Agency

*JHP - Journal of Hydrometeorology*

JMA - Japanese Meteorological Agency

LBA - Large-scale Biosphere-Atmosphere Experiment

LIS - Land Information System

MAGS - Mackenzie GEWEX Study

MEC - Modélisation Environnementale Communautaire

MPPACC - Model of Private Proactive Adaptation to Climate Change

NASA – National Aeronautics and Space Administration

NCAR - National Center for Atmospheric Research

NCEP - National Centers for Environmental Prediction

NESDIS - National Environmental Satellite Data and Information Service

NIDIS - National Integrated Drought Information System

N-LDAS - North American Land Data Assimilation System

NOAA – National Oceanic and Atmospheric Administration

NRC - National Research Council

NWP - Numerical Weather Prediction

PERSIANN - Precipitation Estimation from Remotely Sensed Information using Artificial Neural Networks

PUB - Predictions in Ungauged Basins

SBA - Societal Benefit Areas

SMAP – Soil Moisture Active Passive

SMOS - Soil Moisture and Ocean Salinity

SPARC – Stratospheric Processes and their Role in Climate

SSG – Scientific Steering Group

SST - Sea Surface Temperature

TRMM - Tropical Rainfall Measuring Mission

UIC - User Interface Committee

UNEP – United Nations Environment Programme

VIC - Variable Infiltration Capacity model

WaTER - Water Elevation Recovery

WCRP - World Climate Research Programme

WESP - Water and Energy Simulation and Prediction

WRAP - Water Resources Applications Project

WMO - World Meteorological Organization