

Acronyms

4DDA	four dimensional data assimilation	CLEANER	Collaborative Large-Scale Engineering Analysis Network for Environmental Research
ACT	Advanced Component Technology	CLIC	Climate and Cryosphere Project
AIRS	Atmospheric Infrared Sounder	CLIVAR	Climate Variability and Predictability
AIST	Advanced Information Systems Technologies	CloudSAT	Cloud Satellite Mission
ALPRESERV	Alpine reservoir sustainable management	CMAQ	Community Multiscale Air Quality Modeling System
AMASS	Data technology company	CMIP	Coupled Model Intercomparison Project
AMIP	Atmospheric Model Intercomparison Project	COLA	Center for Ocean Land Atmosphere
AMSR	Advanced Microwave Scanning Radiometer	CPC	Climate Prediction Center
AMSR-E	Advanced Microwave Scanning Radiometer for EOS	CPPA	Climate Prediction Program for the Americas
ANSI/AIIM MS66	File storage management systems	CQUEST	Carbon Query and Evaluation Support Tools
AQI	Air Quality Index	CREW	Center for Research on Environment and Water
Aqua	NASA EOS mission for water	CREWS	Coral Reef Early Warning System
Aquarius	NASA EOS mission to measure salt concentration over global sea surface	CRM	Cloud-Resolving Models
ARM-CART	Atmospheric Radiation Measurement/Cloud and Radiation Testbed	CT	Computational Technologies
ARGO	deep ocean float array	CUAHSI	The Consortium of Universities for the Advancement of Hydrologic Sciences
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer	CVP	Central Valley Project
A-Train	NASA's six satellites flying in close formation	DAAC	Distributed Active Archive Center
Aura	NASA EOS mission for ozone, air quality and climate	DAO	Data Assimilation Office
AVHRR	Advanced Very High Resolution Radiometer	DBMS	Database Management System
AWARDS	Agriculture Water Resources Decision Support	DEQ	Department of Environmental Quality
AWARE	Available Water Resource in the Mountain Environment (EU)	DISCOVER	Distributed Information Services for Climate & Ocean Products & Visualizations for Earth Research
AWIPS	Advanced Weather System Interactive Warning System	DIVERSITAS	International global environmental change research programme
BASINS	Better Assessment Science Integrating Point & Nonpoint Sources	DMSP	Defense Meteorological Satellite Program
BLM	Bureau of Land Management	DoA	Department of Agriculture
BoR	Bureau of Reclamation	DoC	Department of Commerce
BSRN	Baseline Surface Radiation Network	DoD	Department of Defense
CADRE	Crop Assessment Data Retrieval and Evaluation	DODS	Distributed Oceanographic Data System
CALIPSO	Cloud-Aerosol Lidar and Infrared Pathfinder Satellite Observations	DoE	Department of Energy
CALSIM	Water Resources Simulation Model	Dol	Department of the Interior
CAMEX	Convection and Moisture Experiment	DoS	Department of State
CBP	Columbia Basin Project	DoT	Department of Transportation
CCRI	Climate Change Research Initiative	DSS	Decision Support Systems
CCSP	Climate Change Science Program	DST	Decision Support Tools
CDC	Center of Disease Control	ECHO	NASA EOS Clearing HUse
CEOP	Coordinated Enhanced Observing Period	ECMWF	European Centre for Medium-Range Weather Forecasts
CEOS	Committee on Earth Observation Satellites	EFFS	European Flood Forecasting System
CERES	Clouds and the Earth's Radiant Energy System	EOS	Earth Observing System
		EOSTerra	Earth Observing Satellite to measure the land surface
		EPA	Environmental Protection Agency
		ERS	European Remote Sensing Satellite
		ESE	Earth Science Enterprise
		ESG	Earth-Sun System Gateway

ESSP	Earth System Science Pathfinder	IKONOS	High resolution satellite imagery
ESTO	Earth Science Technology Office	IMAC	Interagency Modeling and Atmospheric Assessment Center
ENVISAT	European satellite to measure land, ocean, atmosphere and ice caps	IOF	Integrated Operations Facility
FEMA	Federal Emergency Management Agency	IPCC	Intergovernmental Panel on Climate Change
FSMS	File Storage Management Systems	ISCCP	International Satellite Cloud Climatology Project
GABLS	GEWEX Atmospheric Boundary Layer Study	ISFS	Invasive Species Forecasting System
GACP	Global Aerosol Climatology Project	ISLSCP	International Satellite Land-Surface Climatology Project
GAPP	GEWEX Americas Prediction Project	JASON	Oceanography Mission Satellite
GCIP	GEWEX Continental-Scale International Project	JCSDA	Joint Center for Satellite Data Assimilation
GCM	General Circulation Model	JERS	Japanese Earth Resources Satellite
GCOS	Global Climate Observing System	JPL	Jet Propulsion Laboratory
GCSS	GEWEX Cloud System Study	Landsat	Land satellite Earth surface imaging
GEOSS	Global Earth Observing System of Systems	LAPS	Local Analysis and Prediction System
GEWEX	Global Energy and Water Experiment	LaRC	NASA's Langley Research Center
GFDL	Geophysical Fluid Dynamics Laboratory	LBA	Large Scale Biosphere Atmosphere Experiment in Amazonia
GIO	Geosciences Interoperability Office	LCLU	Land-Cover/Land-Use Change
GIS	Geographical Information System	LDAS	Land Data Assimilation System
GISS	Goddard Institute for Space Studies	LES	Large Eddy Simulations
GLASS	GEWEX Global Land/Atmosphere Study	LIS	Land Information Systems
GLOBE	Global Learning and Observations to Benefit the Environment	MAP	Modeling, Analysis and Prediction
GMAO	Goddard Model Assimilation Office	METOP	EUMETSAT Polar System Satellite
GMES	Global Monitoring of Environment and Security	MISR	Multi-angle Imaging Spectro Radiometer
GNOME	General NOAA Oil Modeling Environment	MMS	Malaria Modeling and Surveillance
GOES	Geostationary Operational Environmental Satellite	MODIS	Moderate Resolution Imaging Spectro Radiometer
GPCP	Global Precipitation Climatology Project	MSFC	Marshall Space Flight Center
GPM	Global Precipitation Measurement	MSU	Microwave Sounding Unit
GRACE	Gravity Recovery and Climate Experiment	NAN	NEWS Assessment Newsletter
GrADS	Grid Analysis and Display System	NAS	National Academy of Sciences
GRIB	Gridded Binary	NASA	National Aeronautics and Space Administration
GSFC	Goddard Space Flight Center	NAS-AWRP	National Air Space Aviation Weather Research Program
GSI	Gridpoint Statistical Interpolation	NCAR	National Center for Atmospheric Research
GSWP	Global Soil Wetness Project	NCEP	National Centers for Environmental Prediction
GWC	Global Water Cycle	NEON	National Ecological Observation Network
GWSP	Global Water System Project	NESDIS	National Environmental Satellite, Data, and Information Service
HAZUS	Hazards U.S.	NetCDF	Network Common Data Form
HDF	Hierarchical Data Format	NEWS	NASA Energy and Water cycle Study
HECRAS	River Analysis System	NIH	National Institute of Health
HELP	Hydrology for the Environment, Life and Policy	NLDAS	North American Land Data Assimilation System
HHS	Health and Human Services	NDIC	NEWS Data Integration Center
HOMER	Micropower Optimization Mode	NMFS	National Marine Fisheries Service
HON	Hydrological Observatory Network	NOAA	National Oceanic and Atmospheric Administration
HSPF	Hydrological Simulation Program-Fortran	NPA	National Priority Area
Hydros	Hydrosphere State mission	NPOESS	National Polar-orbiting Operational Environmental Satellite System
ICESat	Ice, Clouds, and Land Elevation Satellite	NPP	NPOESS Preparatory Project
IGBP	International Geosphere-Biosphere Program		
IGOS	Integrated Global Observing Strategy		
IGPO	International GEWEX Project Office		
IHDP	International Human Dimensions Program on Global Environmental Change		
IIP	Instrument Incubator Program		

NRC	National Research Council	SST	Sea Surface Temperature
NSF	National Science Foundation	STAR	Synthetic Thinned Aperture Radiometer
NSIT	NEWS Science Integration Team	SWAT	Soil and Water Assessment Tool
NWP	Numerical Weather Prediction	SWE	Snow Water Equivalent
NWR	NASA Water cycle Research	SWWG	Surface Water Working Group
OMB	Office of Management and Budget	Terra	NASA's Earth Observing Satellite mission for land
OPeNDAP	also know as GrADS/DODS	TM	Thematic Mapper
OSSE	Observing System Simulation Experiments	TMDLs	Total Maximum Daily Loads
OSTP	Office of Science and Technology Policy	TOA	Top Of Atmosphere
PARASOL	Polarization and Anisotropy of Réflectances for Atmospheric Sciences coupled with Observations from a Lidar	TOGA-COARE	Tropical Ocean Global Atmosphere Coupled Ocean Atmosphere Response Experiment
PI	Principal Investigator	TOPEX/POSEIDON	NASA/CSA satellite to monitor global ocean circulation
POC	Point of Contact	TOPS	Terrestrial Observation & Prediction System
POESS	Polar Operational Environmental Satellite Series	TRMM	Tropical Rainfall Measuring Mission
PUB	Predictions in Ungaged Basins	UCOWR	The Universities Council on Water Resources
QuikSCAT	Satellite mission for ocean surface wind measurements	UniTree	Permanent mass storage system of data.
RETScreen	Renewable Energy Technologies Screen	URGOM	Upper Rio Grande Water Operations Model
RiverWare	Water Management Decision Support Tool	USBR	US Bureau of Reclamation
RSP	Radiation Sciences Program	USDA	US Department of Agriculture
RSVP	Rapid Syndrome Validation Project	USFWS	US Fish and Wild life Service
SAR	Synthetic Aperture Radiometer	USGCRP	US Global Change Research Program
Sea Flux	Surface Turbulent Air/Sea Flux Study	USGS	U.S. Geological Survey
SERVIR	Regional Visualization & Monitoring System	UT	Upper Troposphere
SI	Smithsonian Institution	VIC	Variable Infiltration Capacity Model
SMAP	Soil Moisture Active and Passive (SMAP) mission	WaterNet	NASA: The Water Cycle Solutions Network project
SMOS	Surface Meteorological Observation System	WCRP	World Climate Research Programme
SORCE	Solar Radiation and Climate Experiment	WEC	Water and Energy Cycle
SPoRT	Short-term Prediction Research and Transition	WMS	Web Map Service
SRB	Solid Rocket Booster	WRF	Weather Research and Forecasting
SSM/I	Special Sensor Microwave Imager		

