

List of Acronyms

AAAS	American Association for the Advancement of Science
ABL	Atmospheric Boundary Layer
ADCP	Acoustic Doppler Current Profiler
ADP	Adopt a Drifter Program
AGU	American Geophysical Union
AMMA	African Monsoon Multidisciplinary Analyses
AMS	American Meteorological Society
AMSR	Advanced Microwave Scanning Radiometer
AMSU-B	Advanced Microwave Sounding Unit – Channel B
AMVER	Automated Mutual assistance Vessel Rescue system
AOML	Atlantic Oceanographic and Meteorological Laboratory
APDRC	Asia-Pacific Data Research Center
APL	Applied Physics Laboratory
ARCs	Applied Research Centers
ArcIMS	Arc Internet Map Server
ARPEGE-CLIMAT	Climate Research Project on Small and Large Scales (France)
ASIMET	Air-Sea Interaction Meteorology system
BAKOSURTANAL	National Coordinating Agency for Surveys and Mapping, Indonesia
BATHY	Bathythermograph format for data exchange
BMRC	Bureau of Meteorology Research Centre (Australia)
BoM	Bureau of Meteorology (Australia)
BPR	Bottom Pressure Recorder
BSH	Bundesamt für Seeschifffahrt und Hydrographie (Federal Maritime and Hydrographic Agency) (Germany)
CARINA	CARbon dioxide IN the Atlantic
C&GC	Climate and Global Change
CCHCO	CLIVAR and Carbon Hydrographic Data Office
CCRI	Climate Change Research Initiative
CCSP	Climate Change Science Program
CDC	Climate Diagnostics Center
CDIAC	Carbon Dioxide Information Analysis Center
CDP	Climate Data Portal
CEOF	Complex Empirical Orthogonal Function

CFD	Computer Flow Dynamics
CGPS	Continuously Operated GPS
CICOR	Cooperative Institute for Climate and Ocean Research
CIMAS	Cooperative Institute for Marine and Atmospheric Studies
CIRES	Cooperative Institute for Research in Environmental Sciences
CLIPS	Climate Information and Prediction Services Project
CLIVAR	CLImate VARIability and Predictability
C-MAN	Coastal-Marine Automated Network
CMAP	CPC Merged Analysis of Precipitation
CMORPH	CPC MORPHing Technique
COLA	Center for Ocean, Land, and Atmosphere Studies
COAPS	Center for Ocean-Atmospheric Prediction Studies
COOP	Coastal Ocean Observations Panel (GOOS)
COP	Climate Observation Program
CORC	Consortium on the Ocean's Role in Climate
COSC	Climate Observing System Council
COSP	Climate Observations and Services
CLIVAR	Climate Variability and Predictability Program
CPC	Climate Prediction Center
CPO	Climate Program Office
CPPA	Climate Prediction Program for the Americas
CPRDB	Comprehensive Pacific Raining Database
CSIRO	Commonwealth Scientific and Industrial Research Organization
CTD	Conductivity, Temperature, Depth
DAC	Data Assembly Center
DART	Deep Ocean Assessment and Reporting of Tsunamis (Buoy)
DBCPC	Data Buoy Cooperation Panel
DCP	Data Collection Platform
DCS	Data Collection System
DMC	Drought Monitoring Center
DODS	Distributed Ocean Data System
DOE	Department of Energy
DSL	Digital Subscriber Line
DWBC	Deep Western Boundary Current
ECCO	Estimating the Circulation and Climate of the Ocean
ECMWF	European Centre for Medium-Range Weather Forecasts
ENSO	El Niño-Southern Oscillation
EOF	Empirical Orthogonal Function
EPIC	Eastern Pacific Investigation of Climate
ERA40	ECMWF ReAnalysis-40
ERS	Earth Remote-sensing Satellite
ESDIM	Environmental Services Data and Information Management (NOAA)
ESRI	Environmental Systems Research Institute
ETL	Environmental Technology Laboratory
EVAC	Environmental Verification and Analysis Center
FAO	Food and Agriculture Organization (UN)
FGDC	Federal Geographic Data Committee
FLOAT	Argo subsurface profiling floats
FRX	Frequently Repeated XBT
FS	Frequently Sampled Line
FSU-COAPS	Florida State University Center for Ocean-Atmosphere Prediction Studies

FTE	Full Time Equivalent
FY	Fiscal Year
GAINS	GLOSS Development in the Atlantic and Indian Oceans
GAPP	GEWEX Americas Prediction Project
GCC	Global Carbon Cycle
GCOS	Global Climate Observing System
GCP	Global Carbon Project
GCTE	Global Change and Terrestrial Ecology Program
GCRMN	Global Coral Reef Monitoring Network
GDC	Global Drifter Center
GDP	Global Drifter Program
GEOSAT	Geodesy Satellite
GEWEX	Global Energy and Water-cycle Experiment
GIS	Geographic Information System
GLOSS	Global Sea Level Observing System
GODAE	Global Ocean Data Assimilation Experiment
GODAR	Global Oceanographic Data Archaeology and Rescue Project
GOES	Geostationary Operational Environmental Satellite
GOOS	Global Ocean Observing System
GOSUD	Global Ocean Surface Underway Data project
GPCP	Global Precipitation Climatology Project
GPS	Global Positioning System
GPS@TG	Co-located GPS systems at tide gauge stations
GSOP	Global Synthesis and Observations Panel of CLIVAR
GTS	Global Telecommunications System
GTSPP	Global Temperature-Salinity Profile Program
HD	High Density Line
HRX	High Resolution XBT
HURDAT	Atlantic Basin Hurricane Database
IAI	Inter-American Institute for Global Change Research
ICOADS	International Comprehensive Ocean-Atmosphere Data Set
IDOE	International Decade of Ocean Exploration
IES	Inverted Echo Sounder
IFREMER	Institut français de recherche pour l'exploitation de la mer (French Research Institute for Exploitation of the Sea) (France)
IGBP	International Geosphere-Biosphere Programme
IGCO	Integrated Global Carbon Observing team
IHO	International Hydrographic Organization
IMBER	Integrated Marine Biogeochemistry and Ecosystem Research
IMET	Improved METeorological instrument
IMMA	International Maritime Meteorological Archive format
IOC	Intergovernmental Oceanographic Commission
IOCCP	International Ocean Carbon Coordination Project
IODE	International Oceanographic Data and information Exchange
IOOS	Integrated Ocean Observing System
IOOS-DMAC	Integrated Ocean Observing System – Data Management and Communication
IOTWS	Indian Ocean Tsunami Warning System
IPRC	International Pacific Research Center
IPY	International Polar Year
IR	Infrared
IRD-Brest	L'Institut de recherché pour le developpement – Brest (France)

IRI	International Research Institute for Climate Prediction
ISCCP	International Satellite Cloud Climatology Project
ITCZ	Inter-Tropical Convergence Zone
IUGG	International Union of Geodesy and Geophysics
JAMSTEC	Japan Agency for Marine-Earth Science and Technology
JASL	Joint Archive for Sea Level
JASON	Not an acronym but the name of a joint French/US altimeter mission
JCOMM	Joint WMO/IOC Technical Commission for Oceanography and Marine Meteorology
JCOMMOPS	Joint WMO/IOC Technical Commission for Oceanography and Marine Meteorology Observing Platform Support
JGOFS	Joint Global Ocean Flux Survey
JIMAR	Joint Institute for Marine and Atmospheric Research, University of Hawaii
JIMO	Joint Institute for Marine Observations
JISAO	Joint Institute for the Study of the Atmosphere and Ocean
JMA	Japan Meteorological Agency
J-OFURO	Japanese Ocean Flux data sets with Use of Remote sensing Observations
JPL	Jet Propulsion Laboratory
JTA	Joint Tariff Agreement
KE	Kuroshio Extension
KEO	Kuroshio Extension Observatory
KESS	Kuroshio Extension System Study
LAS	Live Access Server
LD, LDX	Low Density Sampling Line
LLNL	Lawrence Livermore National Laboratory
MAN	Management Committee (JCOMM)
MAO	Marine and Aviation Operations (NOAA)
MBT	Mechanical Bathythermograph
MEDS	Marine Environmental Data Services
MICOM	Miami Isopycnic Coordinate Ocean Model
MJO	Madden-Julian Oscillation
MOC	Meridional Overturning Circulation
MOCHA	Meridional Overturning, Circulation and Heat Transport Array
MOU	Memorandum of Understanding
MS	Microsoft
NACP	North American Carbon Program
NAO	North Atlantic Oscillation
NASA	National Aeronautics and Space Administration
NCAR	National Center for Atmospheric Research
ncBrowse	Graphical netCDF File Browser
NDBC	National Data Buoy Center
NCDC	National Climatic Data Center
NCDDC	National Coastal Data Development Center
NCEP	National Centers for Environmental Prediction
NEAR-GOOS	North-East Asian Regional GOOS
NERC	National Environmental Research Council
NESDIS	National Environmental Satellite, Data, & Information Service
netCDF	network Common Data Form
NGDC	National Geophysical Data Center
NGO	Non-Governmental Organization
NIC	National Ice Center

NIH	National Institutes of Health
NIWA	National Institute of Water and Atmospheric Research (New Zealand)
NMFS	National Marine Fisheries Service
NMHS	National Meteorological and Hydrological Services
NMRI	Naval Medical Research Institute
NOAA	National Oceanic and Atmospheric Administration
NODC	National Oceanographic Data Center
NOPP	National Ocean Partnership Program
NORPAX	North Pacific Experiment
NOS	NOAA Ocean Service
NOSA	NOAA Observing System Architecture
NRC	National Research Council
NSCAT	NASA Scatterometer
NSF	National Science Foundation
NTC	National Tidal Centre, Australia
NWP	Numerical Weather Prediction
NWS	National Weather Service
NWS-PR	National Weather Service Pacific Region
NVODS	National Virtual Ocean Data System
MON	NWS Marine Observation Network
OAFlux	Objectively Analyzed air-sea heat Fluxes
OAR	Office of Oceanic and Atmospheric Research
OCCC	Ocean Carbon and Climate Change Program
OCCI	Ocean Climate Change Institute
OceanSITES	Ocean Sustained Interdisciplinary Time series Environmental Observatory
OCO	Office of Climate Observation
ODINAFRICA	Ocean Data and Information Network for Africa
OGP	Office of Global Programs
OMAO	Office of Marine and Aviation Operations
OOPC	Ocean Observations Panel for Climate
OpenDAP	Open Source Project for Network Data Access Protocol
OSMC	Observing System Monitoring Center
PacificGOOS	Pacific Global Ocean Observing System
PACIS	Pan-American Climate Information System
PACS	Pan American Climate Studies
PCES	North Pacific Marine Science Organization
PDO	Pacific Decadal Oscillation
PEAC	Pacific ENSO Applications Center
PHOD	Physical Oceanography Division
PIES	Pressure Gauge Equipped Inverted Echo Sounder
PIRATA	Pilot Research Moored Array in the Tropical Atlantic
PMEL	Pacific Marine Environmental Laboratory
PMO	Port Meteorological Officer
PNA	Pacific North America
PNNL	Pacific Northwest National Laboratory
POGO	Partnership for the Observation of the Global Oceans
PP&I	Program, Planning & Integration
QA	Quality Assurance
QSCAT	Seawinds on QuikScat
RRP	ENSO Rapid Response Project
RSMAS	Rosenstiel School of Marine and Atmospheric Science

R/V	Research Vessel
RVIB	Research Vessel / Ice Breaker
RVSMDC	Research Vessel Surface Meteorology Data Center
SABOM	South African Bureau of Meteorology
SAC	Special Analysis Center
SAF	Subantarctic Front
SAMOS	Shipboard Automated Meteorological and Oceanographic System
SAR	Synthetic Aperture Radar
SAZ	Subantarctic Zone
SCPP	Seasonal-to-Interannual Climate Prediction Program
SCMI	Southern California Marine Institute
SCOR	Scientific Committee for Ocean Research
SDE	Spatial Database Engine
SEACOOS	Southeast Atlantic Coastal Ocean Observing System
SEAFLUX	Ocean Surface Turbulent Flux Project
SEARCH	Study of Environmental Arctic Change
SEAS	Shipboard Environmental data Acquisition System
SEAS	Windows version of the SEAS shipboard software
SEC	South Equatorial Current
SERREAD	Scientific Educational Resources and Experience Associated with the Deployment of Argo profiling floats in the South Pacific Ocean
SI	Seasonal-to-Interannual
SIO	Scripps Institution of Oceanography
SIO-ECPC	Scripps Institution of Oceanography-Experimental Climate Prediction Center
SLP	Sea Level Pressure
SLP-PAC	Sea Level Program in the Pacific
SOC	Southampton Oceanography Centre
SOI	Survey of India
SOLAS	Surface Ocean-Lower Atmosphere Study
SOOP	Ship-of-Opportunity Program
SOOPIP	Ship-of-Opportunity Implementation Panel
SOI	Southern Oscillation Index
SOT	Ship Observations Team
SPARCE	South Pacific Rainfall Climate Experiment
SPCZ	South Pacific Convergence Zone
SRDC	Surface Reference Data Center
SSG	Scientific Steering Group
SSM/I	Special Sensor Microwave Imager
SSP	Sea Surface Pressure
SST	Sea Surface Temperature
START	Global Change System for Analysis, Research, and Training
STD-C	Standard C
STF	Subtropical Front
SURFRAD	Surface Radiation Budget Network
TAO	Tropical Atmosphere Ocean Array
TAV	Tropical Atlantic Variability
TESAC	Temperature, Salinity, Currents (format for data exchange)
TMI	TRMM Microwave Imager
TOGA	Tropical Ocean Global Atmosphere Program
TOGA/COARE	Tropical Ocean Global Atmosphere / Coupled Ocean-Atmosphere Response Experiment

TOPEX	Ocean TOPography Experiment
TRACKOB	Track observation
TRITON	Triangle Trans-Ocean Buoy Network
TRMM	Tropical Rainfall Measurement Mission
TSG	Thermosalinograph
UHSLC	University of Hawaii Sea Level Center
UNCED	United Nations Conference on Environment and Development
UNFCCC	United Nations Framework Convention on Climate Change
UNOLS	University – National Oceanographic Laboratory System
UOT	Upper Ocean Thermal
UOTC	Upper Ocean Thermal Center
UPS	Uninterruptible Power Supply
URI	University of Rhode Island
USB	Universal Serial Bus
USCG	United States Coast Guard
USIABP	U.S. Interagency Arctic Buoy Program
USGCRP	U.S. Global Change Research Program
UW	University of Washington
VOS	Volunteer Observing Ship
VOSclim	WMO Volunteer Observing Ship Climate project
WCRP	World Climate Research Program
WDC-A	World Data Center-A for Oceanography
WFS	Web Feature Service
WGASF	Working Group on Air-Sea Fluxes
WHO	World Health Organization
WHOI	Wood's Hole Oceanographic Institution
WMO	World Meteorological Organization
WMS	Web Map Service
WOCE	World Ocean Circulation Experiment
WWE	Westerly Wind Event
WWW	The World Weather Watch of WMO
XBT	Expendable Bathythermograph
XCTD	Expendable Conductivity Temperature Depth