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Acronyms and abbreviations

ACES	Atomic Clock Ensemble in Space
AG	Absolute gravimeter
AIRS	Atmospheric Infra-Red Sounder
AMSU	Advanced Microwave Sounding Unit
ANZLIC	Australia and New Zealand Land Information Council
ASCII	American Standard Code for Information Interchange
ASDD	Australian Spatial Data Directory
ASDI	Australian Spatial Data Infrastructure
ATC	Air Traffic Control
AVHRR	Advanced Very High Resolution Radiometer
BIH	Bureau International de l'Heure
BIPM	Bureau International des Poids et Mesures
BPR	Bottom Pressure Recorder
CAM	Core Angular Momentum
CCRS	Conventional Celestial Reference System
CDP	Crustal Dynamics Project
CE	Center of Mass of the Solid Earth
CEOS	Committee for Earth Observation Satellites
CEP	Celestial Ephemeris Pole
CF	Center of Figure of the solid Earth
CGDI	Canadian Geospatial Data Infrastructure
CHAMP	Challenging Minisatellite Payload
CM	Center of Mass of the whole Earth system
CMB	Core-Mantle Boundary
CNES	Centre National d'Etudes Spatiales
COP	Community of Practice
COPES	Coordinated Observation and Prediction of the Earth System
CORS	Continuously Operating GPS Stations
CRS	Celestial Reference System
CTF	Control track farming
CTRS	Conventional Terrestrial Reference System

DART	Deep-ocean Assessment and Reporting of Tsunamis
DEM	Digital Elevation Model
DIAL	Differential Absorption LIDAR
DIMERS	Dynamical Integrated Modular Earth Rotation System
DORIS	Doppler Orbitography and Radiopositioning Integrated by Satellites
DSM	Digital Surface Model
DSN	Deep Space Network
DST	Dynamic Sea Surface Topography
DyMEG	Dynamic Model for the Earth Rotation and Gravity
EC	European Commission
ECEF	Earth-centered, Earth-fixed
EGG97	European Gravimetric Geoid 1997
EGM	Earth Gravity Model
EGNOS	European Geostationary Navigation Overlay Service
ENSO	El Niño Southern Oscillation
EOP	Earth Orientation Parameters
EOS	Earth Observation Summit
EOS	Earth Observation Satellite
ERS	Earth Remote Sensing
ESA	European Space Agency
ESSP	Earth System Science Pathfinder
EU	European Union
FAGS	Federation of Astronomical and Geophysical Data Analysis Services
FANS	Future Air Navigation System
FAO	Food and Agriculture Organization
FGDC	Federal Geographic Data Committee
FIG	International Federation of Surveyors
FOC	Full Operational Capability
G3OS	Global Three Observing Systems
GA	Geoscience Australia
GAGAN	GPS Aided GEO Augmented Navigation
GAIM	Global Assimilative Ionospheric Model
GCOS	Global Climate Observing System
GEO	Group on Earth Observations
GEOS	Global Earth Observation System of Systems
GFO	Geosat-Follow-On
GGFC	Global Geophysical Fluid Center
GGOS	Global Geodetic Observing System
GGP	Global Geodynamics Project
GIA	Glacial Isostatic Adjustment
GIM	Global Ionospheric Mapping
GIS	Geographic Information Systems
GLDAS	Global Land Data Assimilation System
GLONASS	Global Navigation Satellite System
GLOSS	Global Sea Level Observing System

GMES	Global Monitoring of Environment and Security
GNSS	Global Navigation Satellite System
GNSSS	Global Navigation Satellite System of Systems
GOCE	Gravity field and steady-state Ocean Circulation Explorer
GOES	Geostationary Satellite Server
GOOS	Global Ocean Observing System
GPM	Global Precipitation Measurement
GPS	Global Positioning System
GRACE	Gravity Recovery and Climate Experiment
GRGS	Groupe de Recherche de Géodésie Spatiale
GRS	Geodetic Reference System
GSHM	Global Seismic Hazard Map
GSO	GeoStationary Orbit
GSWP	Global Soil Wetness Project
GTHM	Global Tsunami Hazard Map
HF	High Frequencies
HRSC	High Resolution Stereo Camera
HSB	Humidity Sounder for Brasil
IAG	International Association of Geodesy
IAIN	International Association of Institutes of Navigation
IAU	International Astronomical Union (the International Astronomical Union)
ICAO	International Civil Aviation Organisation
ICRF	International Celestial Reference Frame
ICRS	International Celestial Reference System
ICSM	Intergovernmental Committee on Surveying and Mapping
ICSU	International Council for Science
ICT	Information and Communication Technology
IDS	International DORIS Service
IERS	International Earth Rotation and Reference Systems Service
IGFS	International Gravity Field Service
IGOS	Integrated Global Observing Strategy
IGOS-P	Integrated Global Observing Strategy Partnership
IGN	Institut Géographique Nationale
IGS	International GNSS Service
ILRS	International Laser Ranging Service
ILS	International Latitude Service
IMO	International Maritime Organisation
INS	Inertial Navigation Systems
InSAR	Interferometric Synthetic Aperture Radar
INSPIRE	Infrastructure for Spatial Information in Europe
IOC	International Oceanographic Commission
IPCC	Intergovernmental Panel on Climate Change
IPMS	International Polar Motion Service
IRNSS	Indian Regional Navigation Satellite System
ISIS	International SAR Information System

IRS	Incoherent Scatter Radars
IT	Information Technology
ITRF	International Terrestrial Reference Frame
ITRS	International Terrestrial Reference System
IUGG	International Union of Geodesy and Geophysics
IVS	International VLBI Service for Geodesy and Astrometry
IYPE	International Year Of Planet Earth
LAGEOS	LAser GEOdynamics Satellite
LBS	Location-Based Service
LEO	Low Earth Orbiters
LIDAR	LIght Detection And Ranging
LLR	Lunar Laser Ranging
LOD	Length of Day
LOLA	Lunar Orbiter Laser Altimeter
LRO	Lunar Reconnaissance Orbiter
LSL	Local Sea Level
MEO	Medium Earth Orbit
MERIT	Monitoring Earth Rotation and Inter-comparison of Techniques
MGS	Mars Global Surveyor
MLA	Mercury Laser Altimeter
MODIS	Moderate-Resolution Imaging Spectroradiometer
MOLA	Mars Orbiting Laser Altimeter
MSAS	Multifunctional Transport Satellite Space-based Augmentation System
MSS	Mean-Squared Slope
MYRTLE	Multi Year Return Time Level Equipment
NGRS	Australian National Geospatial Reference System
NGS	National Geodetic Survey
NGSLR	Next Generation SLR
NIGCOMSAT	Nigerian Communication Satellite
NOAA	National Oceanic and Atmospheric Administration
NRT	near-real time
NSDI	National Spatial Data Infrastructure
NSRS	National Spatial Reference System
OMB	Office of Management and Budget
OSSE	Observing System Simulation Experiments
PARIS	Passive Reflectometry and Interferometry System
PBO	Plate Boundary Observatory
PF	Precision Farming
PGR	Post-Glacial Rebound
PNT	Positioning, Navigation and Timing
ppb	parts per billion
POD	Precision Orbit Determination
POL	Proudman Oceanographic Laboratory
PSMSL	Permanent Service for Mean Sea Level
QZSS	Quasi-Zenith Satellite System

RF	Radio-Frequency
RFID	Radio-Frequency Identification
RFO	Reference Frame Origin
RINEX	Receiver Independent Exchange Format
RLE	Revised Local Reference
RTK	Real-Time Kinematic
SAR	Synthetic Aperture Radar
SBA	Societal Benefit Area
SBAS	Satellite-Based Augmentation System
SDI	Spatial Data Infrastructure
SG	Superconducting Gravimeter
SI	International System of Units
SINEX	Software Independent Exchange Format
SiS	Signal in Space
SLR	Satellite Laser Ranging
SMOS	Soil Moisture and Ocean Salinity
SOAP	Simple Object Access Protocol
SP3	Standard Product 3 Orbit Format
SRTM	Shuttle Radar Topography Mission
SSM/I	Special Sensor Microwave/Imager
SST	Satellite-to-Satellite Tracking
TAI	International Atomic Time
TCG	Geocentric Coordinate Time
TDR	Time Domain Reflectometry
TEC	Total Electron Content
TIGA	Tide GAUGE Pilot Project
TRMM	Tropical Rainfall Measuring Mission
TRS	Terrestrial Reference System
TT	Terrestrial Time
TYIP	Ten-Year Implementation Plan
UAV	Unmanned Aerial Vehicle
UK-DMC	United Kingdom's Disaster Monitoring Constellation
UN	United Nations
UNESCO	United Nations Educational, Scientific and Cultural Organization
UNFCCC	United Nations Framework Convention on Climate Change
UR	User Requirement
USO	Ultra-Stable Oscillator
UT	Universal Time
UT1	Universal Time 1
UTC	Coordinated Universal Time
UV	Ultraviolet
UWB	UWB
VHF	Very High Frequencies
VLBA	Very Long Baseline Array
VLBI	Very Long Baseline Interferometry

VSI	VLBI Standard Interface
WAAS	Wide Area Augmentation System
WCRP	World Climate Research Programme
WEGENER	Working group of European Geoscientists for the Establishment of Networks for Earth-science Research
WGS 84	World Geodetic System 1984
WMO	World Meteorological Organisation
WOCE	World Ocean Circulation Experiment
WSDL	Web Services Description Language
WSSD	World Summit on Sustainable Development
WWW	World Wide Web
XML	eXtensible Markup Language

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