



<i>Title:</i> NEON Acronym List		<i>Date:</i> 03/03/2020
<i>NEON Doc #:</i> NEON.DOC.000008	<i>Author:</i> Chris McKay	<i>Revision:</i> J

NEON ACRONYM LIST

PREPARED BY	ORGANIZATION	DATE
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APPROVALS	ORGANIZATION	APPROVAL DATE
Chris McKay	PMO	03/04/2020

RELEASED BY	ORGANIZATION	RELEASE DATE
Anne Balsley	CM	03/04/2020

See configuration management system for approval history.

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Change Record

REVISION	DATE	ECO #	DESCRIPTION OF CHANGE
A	05/15/2009		Initial Release
A.1	10/13/2009		Addition of acronyms
B	10/15/2009	NEON.MGMT.NPR.000184.CRE	CCB approved submitted changes
C	10/13/2010	NEON.MGMT.NPR.000249.CRE	Updates. See CRE for details.
D	02/14/2011	ECO-00039	Revised to include terms used in the CM system.
E	09/26/2011	ECO-00283	Update to new document numbers and template.
F	05/24/20136	ECO-01230	Added miscellaneous acronyms and corrected minor typos.
G	10/17/2013	ECO-01453	Added miscellaneous acronyms. Switched to latest released template.
H	07/17/2014	ECO-02142	Additions from SCI, PUR, CVAL, ENG, and PSE.
J	03/04/2020	ECO-06401	Additions, deletions, corrections to reflect current state of NEON.



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Numeric

- 1-D One-dimensional
- 2-D Two-dimensional
- 3-D Three-dimensional

A

A/D	Analog to Digital Conversion
AAM	American Association of Museums
AAT-S	Aspirated Air Temperature – Single
AAT-T	Aspirated Air Temperature – Triple
ABL	Allocated Baseline
ABL	Atmospheric Boundary Layer
AC, a.c.	Alternating Current
ACS	American Chemical Society
ACWP	Actual Cost of Work Performed
ADC	Analog to Digital Converter
AD[NN]	Applicable Document No. NN
ADP	Acceptable Data Package
ADR	Applicable Discrepancy Report(s)
ADXX	Applicable Document No. XX
AFS	AIRS Facility Subsystem
AGB	Above Ground Biomass
AGL	Above Ground Level
AGU	American Geophysical Union
AIBS	American Institute of Biological Sciences
AIS	Aquatic Instrumentation System
ALC	Automatic Level Control
ANPP	Above-Ground Net Primary Productivity
ANSI	American National Standards Institute
AOP	Airborne Observation Platform
AOS	Aquatic Observation System
API	Application Programming Interface
APWA	American Public Works Association
ARM	Atmospheric Radiation Measurement Program
ARMI	Amphibian Research and Monitoring Initiative
ARS	Agricultural Research Service
ARVI	Atmospherically Resistant Vegetation Index
ASCII	American Standard Code Information Interchange
ASL	Above Sea Level
ASTC	Association of Science-Technology Centers
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer
ASTM	American Society for Testing and Materials
ATBD	Algorithm Theoretical Basis Document



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ATCOR	Atmospheric and Topographic Correction
ATS	Aspirated Temperature Single
ATT	Aspirated Temperature Triple
ATV	All-Terrain Vehicle
AVHRR	Advanced Very High Resolution Radiometer
AVIRIS	Airborne Visible/Infrared Imaging Spectrometer
AYxx	Award Year xx



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B

BAC	Budget at Completion
BASIN	Biogeosphere-Atmosphere Stable Isotope Network
BBS	Breeding Bird Survey
BCWP	Budgeted Cost of Work Performed
BCWS	Budgeted Cost of Worked Scheduled
BIO	Directorate for Biological Science (NSF)
BLAST	Basic Local Alignment Search Tool
BLM	Bureau of Land Management
BNPP	Below-Ground Net Primary Productivity
BOD	Biological Oxygen Demand
BOE	Basis of Estimate
BOLD	Barcode of Life Database
BOM	Bill of Materials
BOREAS	Boreal Ecosystem-Atmosphere Study
BRDF	Bidirectional Reflectance Distribution Function
BSL3	Biosafety Level 3
BSRN	Baseline Surface Radiation Network
BTU	British Thermal Unit



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C

CA	Composition Analyzers
CA	Cooperative Agreement
CAD	Computer Aided Design
Cal/Val	Calibration/Validation
CAN	Serial bus by National Instruments
CAO	Carnegie Airborne Observatory
CAS	Common Application Service
CAS	Cost Accounting Standard
CASTNET	Clean Air Status and Trends Network
CBI	Conservation Biology Institute
CBS	Current Best Standard
CCB	Configuration Control Board
CCGG	Carbon Cycle Greenhouse Gases (NOAA Global Monitoring Division)
CDC	Centers for Disease Control
CDL	Commercial Driver's License
cDOM (or CDOM)	Colored (or Chromophoric) Dissolved Organic Matter
CDR	Critical Design Review
CDS	Common Data Service
CENS	Center for Embedded Networked Sensing
CEOS	Committee on Earth Observation Satellites
CEP	Cost Estimating Plan
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CI	Cyberinfrastructure
CIAAW	Commission on Isotopic Abundances and Atomic Weights
CIDL	Configuration Item Data List
CIDL	Configured Items Data List
CIDU	Conference on Intelligent Data Understanding (NASA)
CIL	Configuration Item Labeling
CIN	Configuration Item Number
CLA	Collections & Lab Analysis
CLEANER	Collaborative Large-Scale Engineering Analysis Network for Environmental Research
CLM	Community Land Model
CM	Configuration Management
CM	Corrective Maintenance
CMES	Common Message and Event System
CMM	Capability Maturity Model

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CMMS	Computer Maintenance Management System
CMS	Configuration Management System
COD	Chemical Oxygen Demand
CODMAC	Committee on Data Management, Archiving, and Computing
COG	Clusters of Orthologous Groups
CONOPS	Concepts of Operations
CONUS	Continental United States
CORBA	Common Object Request Broker Architecture
COTS	Commercial Off-the-Shelf
CPI	Cost Performance Index
CPLD	Complex Programmable Logic Device
CPR	Cardiopulmonary Resuscitation
CPR	Cost Performance Report
CPU	Central Processing Unit
CR	Change Request
CRISM	Compact Reconnaissance Imaging Spectrometer for Mars
CRS	Coordinate Reference System
CRT	Cathode Ray Tube
CSA	Cooperative Support Agreement
CSCI	Computer Software Configuration Items
CTFS	Center for Tropical Forest Science
CTI	Compound Topographic Index
CUAHSI	Consortium of Universities for the Advancement of Hydrologic Science Inc.
CV	Coefficient of Variation
CV	Cost Variance
CVALLA	Calibration, Validation, and Audit Lab at the Longmont Airport
CVAL	Calibration and Validation Laboratory
CWD	Coarse Woody Debris
CYxx	Calendar Year xx
CYI	Cyberinfrastructure



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D

DAAC	Distributed Active Archive Center
DAC	Digital to Analog Converter
DAP	Dryland Agroecosystems Project
DB	Database
dBA	Decibel, A Scale
DBH	Diameter at Breast Height
DC	Dielectric Constant
DC	Direct Current
DEM	Digital Elevation Map/Model
DEMARC	Demarcation Point
DFIR	Double Fence Intercomparison Reference
DFMEA	Design Failure Mode Effects Analysis
DHHS	Department of Health and Human Services
DHP	Digital Hemispherical Photography
DI	Distilled Water
DIC	Dissolved Inorganic Carbon
DIN	Dissolved Inorganic Nitrogen
DLNR	Department of Land & Natural Resource
DMM	Digital Multi-Meter
DMZ	Demilitarized Zone
DNR	Division of Natural Resources
DO	Dissolved Oxygen
DOC	Dissolved Organic Carbon
DOC	Department of Commerce
DOD	Department of Defense
DOE	Department of Energy
DOM	Dissolved Organic Matter
DOORS	Dynamic Object-Oriented Requirements System
DOT	Department of Transportation
DR	Disaster Recovery
DRP	Disaster Recovery Plan
DSF	Domain Support Facility
DSL	Digital Subscriber Line
DTS	Distributed Temperature Sensing
DWGXX	Applicable Drawing No. XX
DWP	Disney Wilderness Preserve



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E

EA	Environmental Assessment
EA/CatEx	Environmental Assessment Categorical Exclusion
EAC	Estimate at Completion
EAM	Enterprise Asset Management
EC	Eddy Covariance
ECS	Elastic Cloud Storage; NEON object data store
ECSE	Eddy Covariance Storage Exchange
ECTE	Eddy Covariance Turbulent Exchange
EDNA	USGS Elevation Derivatives for National Applications
EH&S, EHS	Environmental, Health & Safety
EIS	Environmental Impact Study
ELISA	Enzyme-Linked Immunosorbent Assay
ELSF	Effective Line Spread Function
EMAP	Environmental Monitoring & Assessment Program
EMC	Electromagnetic Capability
EMD	Empirical Mode Decomposition
EMI	Electromagnetic Interference
EML	Ecological Metadata Language or Ecological Markup Language
EMS	Environmental Monitoring System
ENMS	Enterprise Network Management System
ENSO	El Niño Southern Oscillation
EOI	Ecosystem and Organism Integration Package
EOL	Earth Observing Laboratory (NCAR)
EOS	Earth Observing System
EP	Ecological Plots
EP	Ecosystem Productivity
E-MAP	Environmental Monitoring and Assessment Program (EPA)
EPA	Environmental Protection Agency
EPSG	European Petroleum Survey Group
ER	Ecosystem Respiration
ERF	Environmental Response Function
ESA	Ecological Society of America
ESD	Electric Static Discharge
ESRL	Earth System Research Laboratory (NOAA)
ET	Evapotranspiration
ETC	Estimate to Complete
EV	Earned Value



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EVI Enhanced Vegetation Index
EVMS Earned Value Management System
EWT Equivalent Water Thickness

F

FAT	First Article Test
FAA	Federal Aviation Administration
FAO	Food and Agriculture Organization
FAQ	Frequently Asked Question
FBL	Functional Baseline
FBO	Field Based Operator
FCA	Functional Configuration Audit
FCC	Federal Communications Commission
fDOM	Florescent Dissolved Organic Matter
FDR	Frequency Domain Reflectometry
FEA	Finite Element Analysis
FEM	Finite Element Model
FEMA	Federal Emergency Management Agency
FFT	Fast Fourier Transform
FGDC	Federal Geographic Data Committee
FIA	Forest Inventory and Analysis
FIFE	First ISLSCP Field Experiment
FIPS	Federal Information Processing Standard
FIR	Far Infra-Red
FMEA	Failure Mode Effects Analyses
FOPS	Field Operations (Field Science)
FOVx	Along-Track Field of View
FOVy	Cross-Track Field of View
FPA	Focal Plane Array
fPAR	Fraction of Photosynthetically Active Radiation
FRU	Field Replaceable Unit
FSO	Flight Safety Officer
FTE	Full Time Equivalent
FWHM	Full Width at Half Maximum
FWS	Fish and Wildlife Service
FYxx	Fiscal Year xx



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G

GAAP	Generally Accepted Accounting Principals
GARP	Global Association of Risk Professionals
GBIF	Global Biodiversity Information Facility
Gbps	Gigabits per Second
GCE	Global Change Experiment
GCOS	Global Climate Observing System
GDAL	Geospatial Data Abstraction Library
GEE	Gross Ecosystem Exchange
GEOBON	Geo Biodiversity Observation Network
GEOS	Global Earth Observing System of Systems
GEP	Gross Ecosystem Productivity
GEWEX	Global Energy and Water Cycle Experiment
GFCI	Ground Fault Circuit Interrupter
GFI	Ground Fault Interrupter
GHCN	Global Historical Climatology Network
GIS	Geographic Information Systems
GMD	Global Monitoring Division (NOAA/ESRL)
GODM	Global Organism Detection System
GOS	Geospatial One-Stop
GPP	Gross Primary Productivity
GPS	Global Positioning Satellite or System
GSD	Ground Sampling Distance
GSMNP	Great Smoky Mountain National Park
GSN	GCOS Surface Network
GUI	Graphical User Interface
GWP	Gas/Water Partitioner



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H

HBCU	Historically Black Colleges and Universities
HBV	Hepatitis B Vaccination
HDF	Hierarchical Data Format
HEPA	High Efficiency Particulate Air
HPC	High Performance Computing
HPS	Hantavirus Pulmonary Syndrome
HQ	Headquarters
HSI	Hispanic Serving Institutions
HTML	Hyper Text Markup Language
HU	Hydrologic Units
HVAC	Heating, Ventilation, and Air Conditioning
HW	Hardware
HYDICE	Hyperspectral Digital Imagery Collection Experiment
HyspIRI	Hyperspectral Infrared Imager



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/

I/O, IO	Input/output
IACUC	Institutional Animal Care and Use Committee
IAEA	International Atomic Energy Agency
IANA	Internet Assigned Numbers Authority
IBRCS	Infrastructure for Biology at Regional to Continental Scales
IC	Integrated (electronic) Circuit
ICD	Interface Control Document
IDL	Interactive Data Language
IEC	International Electrotechnical Commission
IEOS	Integrated Earth Observing Systems
IFOV	Instantaneous Field of View
IMP	Integrated Master Plan
IMS	Integrated Master Schedule
IMU	Inertial Measurement Unit
INSTAAR	Institute of Arctic and Alpine Research (University of Colorado)
INU	Inertial Navigation Unit
IOCR	Initial Operational Capability Review
IOSS	Integrated Ocean Observing System
IP	Internet Protocol
iPAR	Intercepted Photosynthetically Active Radiation
IPCC	Intergovernmental Panel on Climate Change
IPR	In-Process Review
IPT	Integrated Project Team
IR	Infrared
IRGA	Infrared Gas Analyzer
IRMS	Isotope Ratio Mass Spectrometry
IS	Instrumented Systems
ISEP	Integrated Science and Education Plan
ISLSCP	International Satellite Land Surface Climatology Project
ISO	International Standards Organization
IT	Information Technology
ITC	Integral Turbulence Characteristics
ITU	International Telecommunications Union
IUCN	International Union for the Conservation of Nature
IUPAC	International Union of Pure and Applied Chemistry



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J

- JHA Job Hazard Analysis
- JPL Jet Propulsion Laboratory
- JSA Job Safety Analysis
- JVM Java Virtual Machine



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K

- KEON Korea Ecological Observatory Network
- KPI Key Performance Indicator
- KPP Key Performance Parameter



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L

L1	Level 1
L2	Level 2
L3	Level 3
L4	Level 4
LAI	Leaf Area Index
LAN	Local Area Network
LBA	Large-Scale Biosphere-Atmosphere Experiment in Amazonia
LC(s)	Local Controller(s)
LED	Light-Emitting Diode
LES	Large Eddy Simulation
LHDD	Location Hierarchy Definition Document
LiDAR	Light Detection and Ranging
LIMS	Laboratory Information Management Systems
L0	Level Zero
L0'	Level Zero Prime
LO/TO	Lockout/Tagout
LOE	Level of Effort
LP	Liquid Petroleum
LRU	Line-Replaceable Unit
LSF	Line Spread Function
LSO	Laser Safety Officer
LTER	Long Term Ecological Research Network
LUA	Land Use Agreement
LUAP, LUP	Land Use Analysis Package
LUE	Light Use Efficiency

M

mAGL	Meters Above Ground Level
mASL	Meters Above Sea Level
MCARI	Modified Chlorophyll Absorption Ratio Index
MDP	Mobile Deployment Platform
MGC	Multivariate Geographic Clustering
MIL-SPEC	US Military Specification
MOA	Memorandum of Agreement
MODIS	Moderate Resolution Imaging Spectroradiometer
MOU	Memorandum of Understanding
MPE	Maximum Permissible Exposure
MPLS	Multiprotocol Label Switching
MRDG	Mountain Requirements Design Guidelines
MREFC	Major Research Equipment and Facilities Construction
MRLC	Multi-Resolution Land Characteristics Consortium
MSDS	Materials Safety Data Sheet
MSI	Minority Serving Institution
MSL	Mean Sea Level
MTBF	Mean Time Between Failures
MTTF	Mean Time To Failure
MTTR	Mean Time To Repair
MTTRS	Mean Time To Return to Service
MUIR	Map Unit Interpretations Record Database
MVC	Model, View, and Controller Architecture

N

N/A, NA	Not Applicable
NABS	North American Benthological Society
NABT	National Association of Biology Teachers
NACP	North American Carbon Program
NADP	National Atmospheric Deposition Program
NAQWA	National Water Quality Assessment Program
NASA EOS	National Aeronautics and Space Administration Earth Observing System
NASA	National Aeronautics and Space Administration
NASS	National Agricultural Statistics Service
NAT	Network Address Translation or Translator
NBAR	Nadir BRDF Adjusted Reflectance
NBII	Biological Information Infrastructure
NCALM	National Center for Airborne Laser Mapping
NCAR	National Center for Atmospheric Research
NCEAS	National Center for Ecological Analysis and Synthesis
NCEP-NARR	National Center for Environmental Prediction North American Regional Reanalysis
NGPRL	Northern Great Plains Research Laboratory
NCSS	National Cooperative Soil Survey
NDLI	Normalized Difference Lignin Index
NDVI	Normalized Difference Vegetation Index
NEC	National Electric Code
NED	USGS National Elevation Dataset
NEDL	Noise Equivalent Delta Radiance
NEE	Net Ecosystem Exchange
NEMA	National Electrical Manufacturers Association
NEON	National Ecological Observatory Network
NEP	Net Ecosystem Production
NEPA	National Environmental Policy Act
NESCent	National Evolutionary Synthesis Center
NetCDF	Network Common Data Form
NFHL	National Flood Hazard Layer
NFPA	National Fire Protection Association
NGO	Non-Governmental Organizations
NGS	National Geodetic Survey
NHD	National Hydrography Dataset
NID	National Inventory of Dams
NIDA	National Institute on Drug Abuse

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NIMBios	National Institute for Mathematical and Biological Synthesis
NIR	Near Infrared
NIRS	Near-Infrared Reflectance Spectrometry
NIS	NEON Imaging Spectrometer
NISDVU	NEON Imaging Spectrometer Design Verification Unit
NISS	National Institute of Invasive Species Science
NIST	National Institute of Standards
NIU	Network Interface Unit
NLCD	National Land Cover Dataset
NLT	No Later Than
NMAS	National Map Accuracy Standards
NOAA	National Oceanic and Atmospheric Administration
NOHD	Nominal Ocular Hazard Distance
NOy	Relative Gaseous Nitrogen Compound
NP	National Park
NPE	Non-Propagating Eddies
NPL	National Physical Laboratory
NPN	National Phenological Network
NPOESS	National Polar-orbiting Operational Environmental Satellite System
NPP	Net Primary Productivity or Production
NPP	NPOESS Preparatory Project
NPS	National Park Service
NPV	Non-Photosynthetic Vegetation
NR	Net Radiation
NRC	National Research Council
NRCS	National Resources Conservation Service
NREL	National Renewable Energy Laboratory
NREL	Natural Resource Ecology Laboratory
NSF	National Science Foundation
NTAD	Transportation Atlas Database
NTN	National Trends Network
NTSB	National Transportation Safety Board



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O

O&M	Operations and Maintenance
OAI-PMH	Open Archives Initiative Protocol for Metadata Harvesting
OBC	On-Board Calibrator
OBIS	Ocean Biogeographic Information
OBIS	Outdoor Biology Instructional Strategies
ODC	Other Direct Cost
OMB	Office of Management and Budget
OPS	Operations
ORD	Observatory Requirements Document
ORG	Organization
ORION	Ocean Research Interactive Observatory Networks
ORP	Oxidation Reduction Potential
OS	Observational Systems
OSHA	Occupational Safety and Health Administration
OTU	Operational Taxonomic Unit



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P

PAD	Protected Areas Database
PAM	Pulse Amplitude Modulated
PAR	Photosynthetically Active Radiation
PC	Personal Computer
PCA	Physical Configuration Audit
PCDA	Portal CDS Data Access
PCR	Polymerase Chain Reaction
PCS	Portal Container Sets
PDR	Preliminary Design Review
PDR	Primary Data Repository
PDS	Power Distribution System
PEL	Permissible Exposure Level
PET	Potential Evapotranspiration
PF	Planar Fit
PFA	PLANTS Floristic Area
PFT	Plant Functional Types
PHA	Preliminary Hazard Analysis
PI	Principal Investigator
PIC	Pilot in Command
PIM	Payload Integration Mount
PIM	Platform Integration Mount
PISCO	Partnership for Interdisciplinary Studies of Coastal Oceans
PM	Preventive Maintenance
PM	Project or Program Manager
PMO	Project Management Office
PNVG	Potential Natural Vegetation Group
PO	Purchase Order
POC	Point of Contact
PoE	Power over Ethernet
POM	Particulate Organic Matter
PPE	Personal Protective Equipment
PPFD	Photosynthetic Photon Flux Density
PR	Purchase Requisition
PRCS	Permit Required Confined Space
PRF	Pixel Response Function
PRI	Photochemical Reflectance Index
PRT	Platinum Resistance Temperature or Thermometer



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PSA Particle Size Analyzer
PV Planned Value
PVC Polyvinyl Chloride



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Q

Q1	Quarter 1
Q2	Quarter 2
Q3	Quarter 3
Q4	Quarter 4
Q/A, QA	Quality Assurance
Q/C, QC	Quality Control
QLFT	Qualitative Fit Test
QMH	Qualitative Multi-Habitat
QMP	Quality Management Plan
QMS	Quality Management System
QNFT	Quantitative Fit Test
Qpcr	Quantitative Polymerase Chain Reaction



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R

RAID	Redundant Arrays of Inexpensive Disks
RAM	Random Access Memory
RCRA	Resource Conservation Recovery Act
RD	Reference Document
RFI	Radio Frequency Interference
RFI	Request for Information
RFID	Radio Frequency Identification
RFP	Request for Proposal
RFQ	Request for Quote
RFW	Request for Waiver
RMP	Risk Management Plan
RMS, r.m.s.	Root Mean Square
ROM	Rough Order of Magnitude
RPM	Revolutions per Minute
RRQRR	Reversed Random Quadrat-Recursive Raster
RSP	Remote Sensing Payload
RTD	Resistance Temperature Detector
RVSI	Red Edge Vegetation Stress Index



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S

SAE	Surface-Atmosphere Exchange
SC	Site Characterization
SCB	Society for Conservation Biology
SCIP	Simultaneously Collimated Injection Platform
SD	Standard Deviation
SDFIR	Small Double Fence Intercomparison Reference
SDL	Software Development Library
SE	Systems Engineering
SEA	Science and Engineering Alliance
SEAPON	Science and Engineering Phosphorous Observatory Network
SEEDS	Strategies for Ecology Education, Development and Sustainability
SEI	Software Engineering Institute
SHPO	State Historic Preservation Office
SIF	Submersible In-situ Fluorometers
SIGEO	Smithsonian Institution Global Earth Observatories
SIL	Stable Isotope Laboratory
SIR	Soil Interpretations Record
SIS	Spectral Imaging Sphere
SLA	Service Level Agreement
SNARL	Sierra Nevada Research Lab
SNMP	Simple Network Management Protocol
SNR	Signal to Noise Ratio
SNV	Sin Nombre Virus
SOP	Standard Operating Procedure
SOW	Statement of Work
SPI	Schedule Performance Index
SRD	Science Requirement Document
SRF	Spectral Response Function
SRM	Standard Reference Materials (NIST)
SRP	Soluble Reactive Phosphorous
SRTM	Shuttle Radar Topography Mission
SSDD	System/Subsystem Design Description
SSH	Secure Shell
SSURGO	Soil Survey Geographic Database
STATSGO	State Soil Geographic Database
STCDD	Sensor Type Configuration Definition (or Data) Document
STEAC	Science, Technology, and Education Advisory Committee



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STEM	Science, Technology, Engineering, and Mathematics
STPP	Soil Temperature Profile Probe
SURFRAD	Surface Radiation Network
SV	Schedule Variance
SW	Software
SWC	Soil Water Content
SWP	Soil Water Potential



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T

TBD	To Be Determined
TCU	Tribal Colleges and Universities
TDP	Total Dissolved Phosphorous
TDR	Time Domain Reflectometry
TDS	Total Dissolved Solids
TEP	Test and Evaluation Plan
TERN	Terrestrial Ecosystem Research Network
TGCE	Terrestrial Global Change Experiment
TGUC	Trace Gas Unit Conversion
TIC	Total Inorganic Carbon
TIFF	Tag(ged) Image File Format
TIS	Terrestrial Instrumentation System
TM	Thematic Mapper
TOC	Total Organic Carbon
TOS	Terrestrial Observation System
TP	Total Phosphorous
TRP	Temperature Reference Probe
TSS	Total Suspended Solids
TWA	Time-Weighted Average
TWGRN	Terrestrial Wetland Global Change Research Network
TWG	Technical Working Group

U

UAF	University of Alaska Fairbanks
UAM	University of Alaska Museum
UCSB	University of California Santa Barbara
UI	User Interface
UL	Underwriters Laboratory
ULPA	Ultra Low Penetration Particulate Air
UNAVCO	University NAVSTAR Consortium
UNDERC	University of Notre Dame Environmental Research Center
UN-WMO	United Nations World Meteorological Organization
UPS	Uninterruptible Power Supply
USACE	United States Army Corp of Engineers
USAID	United States Agency for International Development
USA-NPN	United States National Phenology Network
USBLM	United States Bureau of Land Management
USBTS	United States Bureau of Transportation Statistics
USCRN	United States Climate Reference Network
USDA	United States Department of Agriculture
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USFS	United States Forest Service
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
USHCN	United States Historical Climatology Network
USPS	United States Postal Service
UV	Ultraviolet
UVA	University of Virginia



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V

VAC	Volts Alternating Current
VEMAP	Vegetation/Ecosystem Modeling and Analysis Project
VM	Virtual Machine
VOC	Volatile Organic Compounds
VoIP	Voice Over Internet Protocol
VPD	Vapor Pressure Deficit
VPN	Virtual Private Network

W

W3C	World Wide Web Consortium
WALI	Waveform Altimeter LiDAR
WAN	Wide Area Network
WAP	Wireless Access Point
WBD	Watershed Boundaries Dataset
WBS	Work Breakdown Structure
WCAG	Web Content Accessibility Guidelines
WEPAN	Women in Engineering ProActive Network
WF	Winter Wheat Fallow
WGS84	World Geodetic System 84
WHO	World Health Organization
wIPT	working Integrated Product Team
wLiDAR	Waveform- Light Detection and Ranging
WMF	Winter Wheat-Maize Fallow
WMO	World Meteorological Organization
WMPF	Winter Wheat-Maize-Proso Millet Fallow
WRMC	World Radiation Monitoring Center
WRR	World Radiometric Reference
WUE	Water Use Efficiency



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X

XSD XML Schema Definition
XSEDE Extreme Science and Engineering Discovery Environment



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Y

YNP

Yellowstone National Park