

LIST OF ABBREVIATION

ADEOS	Advanced Earth Observing Satellite
API	Application Programming Interface
ASCII	American Standard Code for Information Interchange
AVHRR	Advanced Very High Resolution Radiometer
AWiFS	Advanced Wide Field Sensor
BSD	Berkeley Source Distribution
CHIRPS	Climate Hazards Group InfraRed Precipitation with Station data
DBMS	Data Base Management System
DM	Disaster Management
DSS	Decision Support System
EDI	Enhanced Drought Index
EROS	Earth Resources Observation and Science
EVI	Enhanced Vegetation Index
FAO	Food and Agriculture Organization
GCP	Ground Control Point
GDAL	Geospatial Data Abstraction Library
GIS	Geographical Information System
GML	Geography Markup Language
GNU	General Public License
GOES	Geostationary Operational Environmental Satellite
GPS	Global Positioning System
GUI	Graphical User Interface
HTML	HyperText Markup Language
IDE	Integrated Development Environment
IE	Internet Explorer
IMD	Indian Meteorological Department
INSAT	Indian National Satellite
IRS	Indian Remote Sensing
ISDI	Integrated Spatial Drought Index

JPEG	Joint Photographic Experts Group
JS	Java Script
JSP	Java Server Pages
KML	Keyhole Markup Language
LST	Land Surface Temperature
LST	Land Surface Temperature
LULC	Land Use Land Cover
METEOSAT	Meteorological Satellites
METOP	Meteorological Operational Satellite Program of Europe
MIR	Mid Infra-Red
MM	Mili Meter
MODIS	Moderate Resolution Imaging Spectroradiometer
MTSAT	Multifunctional Transport Satellites
NASA	National Aeronautics and Space Administration
NATGIS	National Geographic Information System
NCC	National Climate Centre
NDMA	National Disaster Management Authority
NDVI	Normalised Difference Vegetation Index
NDWI	Normalised Difference Water Index
NIR	Near Infra Red
NOAA	National Oceanic and Atmospheric Administration
NRIS	National (Natural) Resources Information System
OGC	Open Geospatial Consortium
ORDBMS	object–relational database Management System
PCI	Precipitation Condition Index
PDF	Portable Document Format
PDSI	Palmer Drought Severity Index
PN	Percent of Normal
PNG	Portable Network Graphics
REST	REpresentational State Transfer
RS	Remote Sensing
SD	Standard deviation
SDSS	Spatial Decision Support System

SLD	Styled Layer Descriptor
SMC	Soil Moisture Condition
SMCI	Soil Moisture Condition Index
SPI	Standerdised Precipitation Index
SPOT	Satellite Pour l'Observation de la Terre
SQL	Structural Quarry Language
SRS	software requirements specification
SVG	Scalable Vector Graphics
SVI	Standardized Vegetation Index
SWIR	Short Wave Infrared
TCI	Temperature Condition Index
TIR	Thermal Infra-Red
TRMM	Tropical Rainfall Measuring Mission
uDIG	User-friendly Desktop Internet GIS
UN	United Nations
VCi	Vegetation Condition Index
VTCl	Vegetation Temperature Condition Index
WCS	Web Coverage Service
WFS	Web Feature Service
WMO	World Meteorological Organization
WMS	Web Map Service
XHTML	EXtensible HyperText Markup Language