

List of abbreviations

ANOVA	Analysis of Variance
ASTER DEM	Advanced Spaceborne Thermal Emission and Reflection Radiometer Digital Elevation Model
BP	Before Present
CGWB	Central Ground Water Board
DEM	Digital Elevation Model
ETM+	Enhanced Thematic Mapper Plus
GPS	Global Positioning System
HAT	Highest Astronomical Tide
HHW	Higher High Water
ICAR	Indian Council of Agricultural Research
IMD	Indian Meteorological Department
LAI	Leaf Area Index
LISS	Linear Imaging Self-Scanning System
LLW	Lower Low Water
MAVI	Moisture Adjusted Vegetation Index
MSS	Multi-Spectral Scanner
NATMO	National Atlas and Schematic Mapping Organization
NDVI	Normalized Difference Vegetation Index
NIR	Near Infrared
NRSC	National Remote Sensing Center
OLI	Operational Land Imager
PALSAR	Phased Array type L-band Synthetic Aperture Radar
PET	Potential Evapotranspiration
QGIS	Quantum GIS

RSL	Relative Sea Level
SOI	Survey of India
SRTM	Shuttle Radar Topography Mission
SWIR	Short-Wave Infrared
TIRS	Thermal Infrared Sensor
TM	Thematic Mapper
USGS	United States Geological Survey
YBP	Years Before Present