

List of Abbreviations

AGB:	Above Ground Biomass
AME:	Absolute Mean Error
ASCII:	American Standard Code for Information Interchange
ASTER:	Advanced Spaceborne Thermal Emission and Reflection Radiometer
BGB:	Below Ground Biomass
BGL:	Below Ground Level
BP:	Before Present
CBD:	Convention on Biological Diversity
CDM:	Clean Development Mechanism
CEA:	Cost Effectiveness Analysis
DBH:	Diameter at Breast Height
DBSCAN:	Density-Based Spatial Clustering of Applications with Noise
DEM:	Digital Elevation Model
DN:	Digital Number
DOS:	Dark Object Subtraction
E-EN:	East-East North
E-ES:	East-East South
EIA:	Environmental Impact Assessments
ESA:	European Space Agency
ESAs:	Ecologically Sensitive Areas
E-SE:	East-South East
FCC:	False Colour Composite
FWHM:	Full Width Half Maximum
GBH:	Girth at Breast Height
GCP:	Ground Control Points
GDEM:	Global Digital Elevation Model
GIS:	Geographical Information System
GPS:	Global Positioning System
GSI:	Geological Survey of India
HCA:	Hierarchical Cluster Analysis
IGCP:	International Geological Correlation Programme
IMD:	India Meteorological Department

INR:	Indian Rupee
LCA:	Landscape Character Assessment
LCM:	Land Change Modeler
LU/LC:	Land Use / Land Cover
ME:	Mean Error
MEA:	Millennium Ecosystem Assessment
MPAs:	Marine Protected Areas
MSI:	Multi Spectral Instrument
MSL:	Mean Sea Level
NASA:	National Aeronautics and Space Administration
NBSS & LUP:	National Bureau of Soil Survey and Land Use Planning
NDVI:	Normalized Difference Vegetation Index
NIR:	Near infrared
N-NE:	North-North East
NW:	North West
OSL:	Optically Stimulated Luminescence
RMSE:	Root Mean Square Error
ROI:	Region of Interest
SAM:	Spectral Angle Mapper
SOI:	Survey of India
SRTM:	Shuttle Radar Topography Mission
S-SE:	South-South East
S-SW:	South-South West
SWIR:	Shortwave Infrared
TIR:	Thermal Infra Red
TM:	Thematic Mapper
TOA:	Top Of Atmosphere
TR:	Tidal Range
TS:	Total Station
USGS:	United States Geological Survey
VNIR:	Visible Infrared
W-WS:	West-West South