

List of abbreviations

ASTER	: Advanced Space borne Thermal Emission and Reflection Radiometer
AIFOFO	: All India Federation of Organic Farming
C.D.	: Community Development
DD	: Data Deficient
DEM	: Digital Elevation Model
DO	: Dissolve Oxygen
DN	: Digital Number
EC	: European Commission
EMR	: Electromagnetic Radiation
EMS	: Electromagnetic Spectrum
ERDAS	: Earth Resources Development Assessment System
EN	: Endangered
ESA	: European Space Agency
FAO	: United Nations Food and Agriculture Organization
GPS	: Global Positioning Systems
GDEM	: Global Digital Elevation Model
GIS	: Geographical Information System
GLCF	: Global Land Cover Facility
GOI	: Government of India
G.R	: Growth Rate
IMD	: Indian Metrological Department
IR	: Infrared
IRS	: Indian Remote Sensing Satellite
ISRO	: Indian Space Research Organization
IUCN	: International Union for Conservation of Nature
IFOAM	: International Federation of organic Agriculture Movement
JPL	: Jet Propulsion Laboratory
K.D	: kernel Density
LC	: Least Concern
LISS	: Linear Imaging Self Scanning Sensor
LEFS	: Locally Endangered Fish Species
LUCIS	: Land Use Conflict Identification Strategy
LULC	: Land Use/ Land Cover
LT	: Land use Types
METI	: Ministry of Economy, Trade, and Industry
MSL	: Mean sea level
NASA	: National Aeronautics and Space Administration
NGA	: National Geospatial-Intelligence Agency
NE	: Not Evaluated
NT	: Near Threatened
NRDMS	: Natural Resources Data Management System
NDI	: Normal Diversity Index
NH	: National Highway
NIR	: Near infrared
NIMA	: National Image and Mapping Agency
OLI	: Operational Land Imager
PAN	: Panchromatic

PPM	:	Parts per million
PH	:	Potential Hydrogen
PI	:	Proximity to Industries
RP	:	Rearing Ponds
RS	:	Remote Sensing
SD	:	Sub Division
SDI	:	Simpson Diversity Index
SER	:	South Eastern Railways
SOI	:	Survey of India
SSFF	:	Site Suitability for Fish Farming
SSCFF	:	Site Suitability for Commercial Fish Farming
SH	:	State Highway
SRTM	:	Shuttle Radar Topography Mission
SWIR	:	Short Wave infrared
TDS	:	Total Dissolved Solid
TIFF	:	Tagged Image File Format
TIRS	:	Thermal Infrared Sensor
USGS	:	United States Geological Survey
UNCHE	:	United Nations Conference on the Human Environment
UTM	:	Universal Transverse Mercator
VU	:	Vulnerable
WA	:	water availability
WB	:	West Bengal
WD	:	waterbody density
WQ	:	Water Quality
3D	:	3 Dimensional