

List of Abbreviations

AAR	Accumulation Area Ratio
ARC GIS	Aeronautical Reconnaissance Coverage Geographic Information System
ASL	Above Sea Level
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer
AWiFS	Advanced Wide Field Sensor
C-DAC	Centre for Development of Advanced Computing
DAT	Digital Audio Tape
DCH	District Census Handbook
DRAINL	Drainage Line
DRAINP	Drainage Polygon
ELA	Equilibrium-Line Altitude
FCC	False Color Composites
GIS	Geographic Information System
GLAC ID	Glacier Identification
GLACIERP	Glacier Point
GLACIERL	Glacier Line
GLOF	Glacier Lake Outburst Flood
GLIMS	Global Land Ice Measurements from Space
HHC	Higher Himalayan Crystalline
ICIMOD	International Centre for Integrated Mountain Development
IDW	Inverse Distance Weighted
IRS	Indian Remote Sensing
LUT	Look Up Table
LANDSAT	Land Remote-Sensing Satellite
LISS	Linear Imaging Self Scanning Sensor
Ma	Million Years Ago
MBT	Main Boundary Thrust

MCT	Main Central Thrust
MDL	Moraine Dammed Lake
MOEF	Ministry of Environment and Forests
MSS	Multispectral Scanner System
N	North
NDC	National Data Centre
NDSI	Normalized Difference Snow Index
NSB	National Statistics Bureau
NSIDC	National Snow and Ice Data Center
NE	North East
NIR	Near Infra-Red
NRSC	National Remote Sensing Centre
NRIS	National (Natural) Resources Information System
NW	North West
PAN	Panchromatic Data
RGOB	Royal Government of Bhutan
SAC	Space Applications Centre
SAR	Synthetic Aperture Radar
SASCOF	South Asian Climate Outlook Forum
SETTLEP	Settlement point
SETTLEA	Settlement Area
SGL	Supra Glacial Lakes
SOB	Survey of Bhutan
SOI	Survey of India
SOER	State of Environment Report
SRTM	Shuttle Radar Topography Mission
STD	South Tibetan Detachment
SW	South West
SWIR	Short Wavelength Infra-Red
TGA	Total Geographical Area
TM	Thematic Mapper

TTS	Temporary Technical Secretariat
WGI	World Glacier Inventory
WGS84	World Geodetic System 1984
WGMS	World Glacier Monitoring Service
UNESCO	United Nations Educational, Scientific and Cultural Organization
USGS	United States Geological Survey
UTM	Universal Transverse Mercator
μm	Micrometre