List of Abbreviations

ASTER Advanced Spaceborne Thermal Emission and Reflection Radiometer

CWC Central Water Commission

DEM Digital Elevation Model

ETM Enhanced Thematic Mapper

GPS Geographic Positioning System

GSI Geological Survey of India

HRU Hydrollogic Response Units

OLI Operational Land Imager

SCS Soil Conservation Service

SOI Survey of India

SRTM Shuttle Radar Topographic Mission

SWAT Soil and Water Assesment Tool

TM Thematic Mapper