



Comparison of Streams Delineated using Various SRTM, ASTER and Cartosat DEM

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Abstract: Results from the study on the comparison of the stream network delineated from Shuttle Radar Topography Mission (SRTM) DEM, Advanced Space borne Thermal Emission and Reflection Radiometer (ASTER) DEM and Cartosat DEM with the stream network extracted from Toposheets concluded that SRTM DEM of 30m resolution was correlated well with the stream network extracted from SOI toposheets compared to ASTER and Cartosat DEM. It is recommended to utilise SRTM open access DEM of 30m resolution from research work carried out over the study area.

Keywords: DEM, SRTM, ASTER, Cartosat, Toposheets
