

Potential of EOS-4 Imagery for SAR Interferometry

Earth Observation Satellite (EOS-4) was launched from PSLV-C52 on 14/02/2022 carrying the SAR payload. The main objective of this study is to analyze the potential of Earth Observation Satellite-4 (EOS-4) for SAR interferometry and the development of the SAR interferometric techniques for the EOS-4 satellite data. The methodology is developed for extracting Digital Elevation Model (DEM) from the EOS-4 InSAR pair. The DEM is generated for the EOS-4 InSAR pair of dates 13/04/2022 and 30/04/2022. The EOS-4 InSAR pair shows the prominent results and capability of SAR interferometry.
