

Name
Affiliation
Qualification
Program
Duration

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M. Sc [Environmental Technology]
Research Initiation Program
Four months



Project title

Study of Aerosol Optical Depth from INSAT-3D Imager and comparison with SUOMI-NPP VIIRS

Quality of the INSAT-3D aerosol optical depth (AOD) data is compared with (i) VIIRS data from SUOMI-NPP satellite and (ii) AERONET data for the year 2016. INSAT-3D AOD are in high agreement with VIIRS and AERONET AOD over dust prone regions and biomass burning regions. Validation results suggest that the INSAT-3D AOD can be used for aerosol studies with confidence both over land and oceanic regions.

