

Call for Participation: NRSC UNCSSTEAP Short Courses on Remote Sensing Data Acquisition and Remote Sensing Data Processing

National Remote Sensing Centre (NRSC), ISRO is announcing two short courses: (1) Remote Sensing Data Acquisition, and (2) Remote Sensing Data Processing. The Remote Sensing Data Acquisition and Data Processing courses are scheduled from **August 21-September 01, 2023** and **October 09-20, 2023**, respectively, at NRSC's Earth Station Shadnagar, Hyderabad. These courses are being conducted through the Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP). The CSSTEAP is an educational institution affiliated with the United Nations.

The NRSC CSSTEAP Remote Sensing Data Acquisition and Remote Sensing Data Processing courses aim at dissemination of basic technical know-how on ground station antennas, related hardware systems, data and image processing techniques that include advanced topics such as AI/ML for Earth Observation (EO). The primary objective of conducting these courses is to build capacities and develop human resources in the Asia Pacific region on remote sensing data acquisition, processing and related technology areas for EO. Admissions are open to professionals from the Central /State Government, Academia, Industry, Startups, and other organizations engaged in the use of space platforms, remote sensing, and geospatial technologies.

For more details on how to apply, we recommend the readers to see the brochures here:

Remote Sensing Data Acquisition:

https://www.cssteap.org/upload/announcement/UNCSSTEAP-ShortcourseonDataacquisition_Final.pdf

Remote Sensing Data Processing:

https://www.cssteap.org/upload/announcement/UNCSSTEAP-ShortcourseonDataprocessing_Final.pdf,

Applications can be submitted at the <https://admissions.cssteap.org/login>. The Last date for applying to these courses are June 30, 2023 for Remote Sensing Data Acquisition and July 31, 2023 for Remote Sensing Data Processing

NRSC/ISRO has five decades of experience and expertise in satellite data reception ground segment antenna development, deployment, and commissioning at national and international sites, including Antarctica Station. NRSC has developed state-of-the-art facilities at IMGEOS (Integrated Multi Mission Ground Segment for Earth Observation Satellites) Shadnagar, Hyderabad, India having 7.5 m diameter, 4.5 m diameter antennas with the capability of receiving remote sensing satellite data from ISRO, and other international missions in S/X/K/Ku/Ka bands. NRSC has the capability to transform the satellite data acquired from optical, microwave, and hyperspectral and thermal sensors into actionable products. These products are being widely in variety of applications including but not limited to Land Use Land Cover monitoring, Ocean studies, weather applications, and other scientific research. [Click here](#) for further details.

For course-related queries please contact:

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