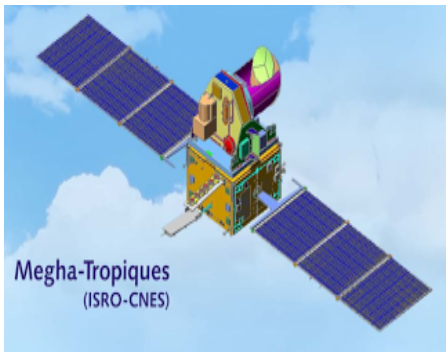
3 day Training on (Online Webinar)

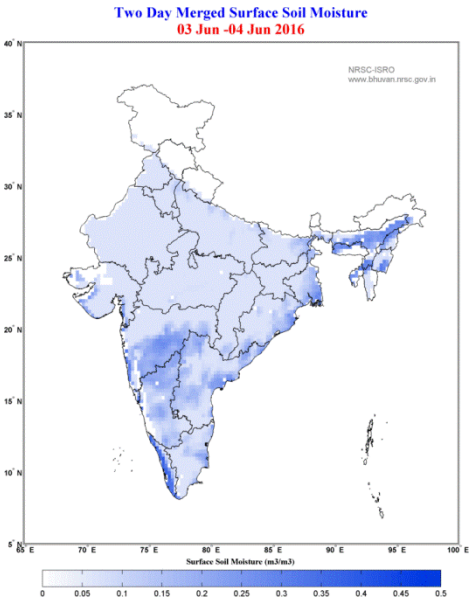
Geospatial Technologies for Climate Studies

(24 - 26 November, 2020)



The knowledge on the climate change and associated technologies is ever increasing with reference to observations made by satellite sensors and model simulations. This is essential to understand the changing climate and sustainable living on this Earth system by reducing adverse impact to the mankind. Hence, in support of the climate studies, Indian Space Research Organisation at the National Remote Sensing Centre (NRSC) is engaged to monitor natural resources with satellite data acquired and processed in long term basis. National Information System for Climate and Environmental Studies (NICES) has been initiated to build a quality controlled satellite data base on geophysical products from satellite data to qualify for climate monitoring in collaboration with other ISRO centres and national institutes working in similar fields. In the process, advanced geospatial technologies have been used to collect data and build information on the planet Earth in different scales of time and spatial resolution. The results are being analysed by expert groups and thematic scientists to unravel the signs of a changing climate.

Since the knowledge acquired from the Earth resource databases using geospatial technologies need to be spread across the stakeholders, NRSC is organizing a webinar for effective utilisation of NICES products to have an understanding and acquire knowledge on the climate and environmental studies. In connection with this, NRSC invites professionals from state and central organisations, academic institutes and universities and those having the background in the Earth science studies and geospatial technology with remote sensing to join the webinar.



Training Focus:

The webinar focuses on imparting basic concepts on the climate change and geospatial tools that were incorporated into climate change studies to enhance reliable outcomes. The aim of the training is to enable the participants to understand and perform tasks such as, (i) use different tools and technologies available for processing different spatial data sets, (ii) know different methods for processing the environmental data sets and (iii) ultimately enable utilisation of satellite data / information products for climate and environmental studies.

Who Can Apply?

Professionals from State Government / Central Government Departments, Faculty/Research Scholars from Academic Institutions, NGO and Private Companies are invited to register online to participate in the webinar. ***Participant should have minimum qualification of Masters Degree in Science or Bachelor's degree in Engineering or Graduation with 2 years of experience in relevant areas. Exposure to geospatial techniques is desirable. The max. webinar strength is 100 participants. Selection of participants will be based on fulfillment of eligibility, domain, relevance and utilization scope. Right of selection reserved with NRSC.***

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