

3 Day Webinar training on Spatial Data Analysis

(August 10 - 12, 2021)

Brief:

Spatial Data Analysis is the application of specialized graphic tools to process, derive, infer and interpret feature locations, attributes and spatial relationships between various spatial data layers. The geographic objects, natural processes and events occurring on, above the earth's surface have explicit or implicit spatial connections, welldefined rules and laws based on which they continuously interact; for e.g., soils have implicit connections with the plants above; water always flows down slope and the time to destination is dependent on distance, traffic and path taken. Knowledge of these connections are paramount for analysts to uncover the patterns and clues that help analyze event of interest.

Understanding the science behind the usage of tools is mandatory to derive precise information about feature location, properties and relationships. GIS environment provides tools for spatial analysis that help provide intelligent solutions to natural resource management, emergency management, transportation modeling, suitability identification, environmental monitoring etc,.



Who can Apply ?

Online registrations are invited from working professionals of State Government / Central

Government Departments, NGOs, Industry & Faculty/Research Scholars from Academic Institutions who are gearing up to learn or enhance their spatial data analytical knowledge and skill set. Applicants should have minimum Masters in Science/Geography or Bachelors degree in Engineering or graduation with 2 years of experience in relevant areas. The course fee <image>

Webinar Focus

The 3-day webinar aims to provide fundamental aspects of spatial data analysis like

• Spatial Analysis Techniques (Vector & Raster)

- Spatial Interpolation techniques
- Surface Analysis
- Spatial Modeling
- Network Analysis

using open source software's and packages.



for the webinar is of Rs. 900/- to be made via online transfer. Kindly visit www.nrsc.gov.in for more details. Right of admission reserved with NRSC.