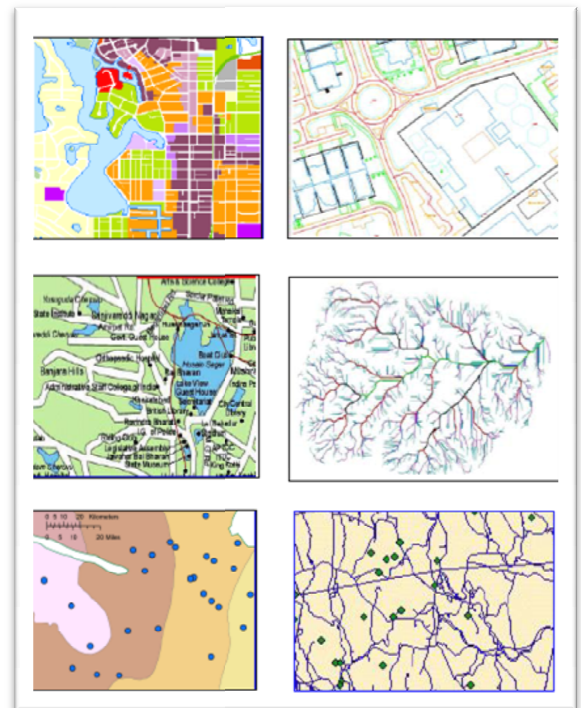


Brief:

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, well-defined rules and laws based on which they continuously interact; for e.g., soils have implicit connections with the plants above; water always flows downslope 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.

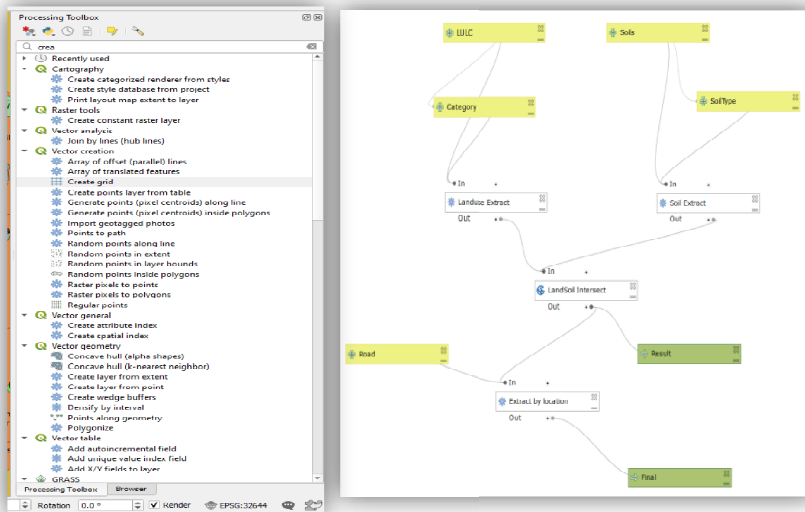
Understanding the science behind the usage of tools is mandatory to derive precise information about feature location, properties and relationships. GIS environment provides tools for spatial analysis that help provide intelligent solutions to natural resource management, emergency management, transportation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



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 with case studies in hazard zonation, runoff modeling, flood forecasting, etc.,



How to Apply? & Eligibility

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. Selection of applicants is subject to fulfillment of admission criteria and domain of work. Visit www.nrsc.gov.in for registration and fee details. *Right of admission reserved with NRSC.*

