



GLOBAL ONLINE CERTIFICATE COURSE

ENVIRONMENT DATA, MAPS AND GIS (GEOGRAPHIC INFORMATION SYSTEM) FOR COMMUNICATION IN 21ST CENTURY

(focus on climate change and extreme weather events)



Date
AUG 19-SEP 2, 2026



Course Duration
15 HOURS



Platforms
ZOOM AND MOODLE

TRAINING FEES

₹4,000 for Indian participants.
US \$100 (for global participants)



WHO CAN ATTEND?

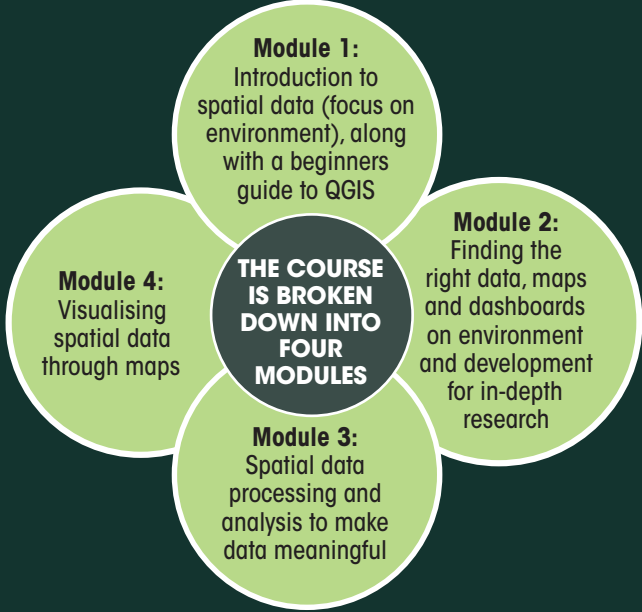
- Environmental and development professionals associated with environmental management, conservation, and sustainability.
- Researchers in environmental science, geography, and urban planning.
- Government officials and policymakers in environmental policy, urban planning and sustainable development
- NGOs and Civil Society Organizations
- Urban planners, engineers and other professionals in infrastructure development and sustainable urban planning.
- Corporate Sustainability Officers
- Reporters and media professionals covering environment and sustainability
- Aspiring professionals in environmental science, GIS, or sustainability and others interested in the subject

WHAT WILL YOU LEARN?

- **Data Sourcing:** Learn how and where to research for relevant spatial data. You will learn to find different data sets, clean and transform and make them ready for analysis using QGIS.
- **Data Analysis:** Learn how to read, analyse and make sense of spatial or geographic data

- **Data Visualisation:** Understand the basic concepts of visualisation and learn to visualise spatial data using QGIS for research, environmental management and communication

Note: take a broad view of the role of GIS in environmental communication and management, but will focus on climate change and its impacts including extreme weather events



COURSE STRUCTURE

- The self-paced online programme will have video lectures, presentations, tutorials, quizzes and assignments. Participants will also get an opportunity to work on an in-depth project of their choice.
- The programme will also have **three live interactive sessions** for meeting the trainers and fellow participants.
- The programme has been designed in such a way that it can be completed along with a regular job or study.

KEY REQUIREMENTS

All participants would require:
1) A computer/laptop
2) A high-speed internet connection

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