Training Programme on GIS and Remote Sensing for Designing & Implementing Green Infrastructure

**Part A (Online):** 23 June to 9 July 2021  
**Part B (Residential):** 28 - 30 July, 2021  
**Language:** English  
**Venue:** Anil Agarwal Environment Training Institute (AAETI), Nimli, Rajasthan

**BACKGROUND**

This tailor-made training on Geographic Information System (GIS) and Remote Sensing (RS) will go long way supporting practitioners as well as allow managers and regulators move efficiently from traditional planning and design techniques to smart, cost effective and sustainable water and sanitation solutions.

**GIS Package:** The course will be run on open-source GIS package, Quantum-GIS (Q-GIS).

**AIM**

To equip practitioners, managers and regulators with state of art tools and techniques required for water sensitive urban design and planning.

**LEARNING OBJECTIVES**

- Build skills to use GIS and RS in sustainable water management in city/region.
- Enhance understanding on various data portals: USGS Earth Explorer, Bhuvan, OpenStreetMap, Toposheets, etc.
- Prepare maps and perform analysis using open-source GIS packages for designing and implementing green infrastructure for improved water security in city/region.

**PROGRAMME DESIGN**

**Part A: Context setting and Introduction (Online Platform)** 23 June to 9 July, 2021  
**Part B: Action Learning (Residential Training)** 28 - 30 July, 2021  

GIS proficiency is not a requirement. However, participants must have basic proficiency in using of computers, and access to a computer system with minimum requirements for downloading, installing and running Q-GIS package.

**TRAINING FEE**

**Part A (online):** ₹3,500 (Indian participants), $100 (Participants from outside India)  
**Part B (Residential):** ₹26,400  
(Only for Indian participants)  
Includes Tuition fee, Training material, External expert lectures and sessions, Boarding and lodging, Transport from New Delhi to AAETI and back.

**Part and Full fellowships available:** Part and Full fellowships are available for Part B (Residential Training) for deserving candidates and alumni.

**Note:** Only shortlisted candidates will be informed.

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**EXTERNAL TRAINERS**

- Dr Pramod Kumar  
  IIRS Dehradun, India
- Dr Nevil Quinn  
  UWE Bristol, UK
- Mr Ujaval Gandhi  
  Spatial Thoughts, India
- Prof. A. K. Gosain  
  IIT Delhi, India
- Dr Sandhya Rao  
  INRM Consultants, India

**FOR MORE INFORMATION, KINDLY CONTACT**

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