**ONLINE COURSE**  
**BASICS OF GIS AND REMOTE SENSING FOR WATER AND SANITATION**

**Course Dates:** 26th October to 6th November, 2020   **Study Hours:** Total: 20 Hours (Online: 12 hours | Virtual: 8 Hours)   **Language of Instruction:** English

The virtual sessions will be held on 27 Oct., 29 Oct., 3 Nov., and 6 Nov. from 11AM to 1PM

**GIS proficiency is not a requirement. However, participants must have basic proficiency in using computers, and access to a computer system with minimum configuration for Q-GIS.**

**Minimum computer/laptop configuration**
The course will be conducted on latest version of Q-GIS. Kindly check if your computer/laptop meets the following minimum configuration:

- **Hard Disk Space:** 5GB for installation, and 10GB for data and other GIS Files
- **RAM:** 2GB
- **Operating System:** Windows 7 and above, Mac, Linux
- **Graphic Card:** 512MB / 1GB
- **CPU-Processor:** Core-i3, 2.7 GHz

**Course Fee**
- **Indian participants INR 3,500**
- **Overseas participants USD 100**

**Top 5 scorers will get a 50% refund of their course fee**

**One-year free subscription to Down To Earth magazine after course completion**

**About the course**
With unrelenting urbanisation and climate change, cities are facing complex issues, particularly in the water and sanitation sector. In order to address these challenges, we need cost-effective solutions, rapid analysis and inter-linking of multi-disciplinary data and information. Geographic Information System (GIS) and Remote Sensing (RS) tools allow multi-disciplinary approaches to be applied, using a range of data sources. The tools and techniques will allow managers and regulators to move efficiently from traditional planning and design techniques to smart, cost effective and sustainable solutions.

**Key Themes**
- Introduction to GIS and Remote Sensing
- Extracting and analysing GIS and Remote Sensing Data
- Preparing Maps: Symbology and Layout
- Basic analysis for water and sanitation management

**For registration, visit:** https://www.cseindia.org/basics-of-gis-remote-sensing-10360

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**Training Coordinator**
Shivali Jainer  
Programme Manager, Water Unit, CSE  
Email: shivali@cseindia.org

**Training Director**
Dr Suresh Kumar Rohilla  
Senior Director & Academic Director,  
(School of Water and Waste, Anil Agarwal Environment Training Institute – AAETI)  
Email: srohilla@cseindia.org