CSE

SCHOOL OF WATER AND WASTE
AAETI

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

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

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

GIS proficiency is not a requirement. However, participants must have basic proficiency is using of 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

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