

### Registration Form: Geoenvironment-2020

(Registration is free; limited seats for each category; presenters get preference; apply early)

Name: \_\_\_\_\_ Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City \_\_\_\_\_ Pincode: \_\_\_\_\_

Email \_\_\_\_\_ Mobile: \_\_\_\_\_

Member of NERCS  Yes  No

- A. International Seminar:** I will participate as
- (a) Case Study Presenter\*                      (b) Official from MoEF /CPCB / SPCB
  - (c) Researcher / Academician                      (d) Practitioner (Industry)
  - (e) Young Researcher: PhD student / Pre-Doc / Post-Doc      (f) Other

- B. Conference Participation:** I will participate as
- (a) Paper Presenter \*(Theme No. )      Yes /No

- C. Demonstration Sessions and Post-Seminar Demo Workshop**
- (a) I will participate in the Demonstration Sessions of the Seminar (17-19th Feb)
  - (b) I will attend the Post-Seminar Demo Workshop (20-21st Feb)    Yes / No

- D. Travel Support**
- (a) I request travel support (Invited Speaker/ Expert /Presenting Official )

- E. Accommodation**
- (a) I will require accommodation; please send me options.

\* Please attach proposed title, author names and write-up of 1-2 paragraphs

\_\_\_\_\_  
Signature                      Name                      Date

Scan and Email to : [nercsiitd@gmail.com](mailto:nercsiitd@gmail.com)  
 Speed post / Courier to :  
**Geoenvironment - 2020 Secretariat,**  
 Room V203, Civil Engg. Dept., IIT Delhi,  
 Hauz Khas, New Delhi -110016, Phone: 011-26596223  
[www.nercs.in](http://www.nercs.in)

## Geoenvironment-2020

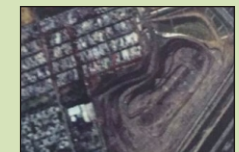
*International Seminar on*  
**CONTAMINATED SITES**

(Invitation of Case Studies)



*Concurrent Conference on*  
**GEOENVIRONMENT & SUSTAINABILITY**

(Call for Papers)



*Demonstration Sessions & Workshop*  
**ENVIRONMENTAL SUBSURFACE**  
**INVESTIGATIONS**

(Soil Sampling, OIHPT, ERT, GPR, HH-XRF)



Sponsored by:  
 Ministry of Environment, Forest and Climate Change



Organised by:  
 Geotechnical and Geoenvironment Group  
 Civil Engineering Department, IIT Delhi

[www.nercs.in](http://www.nercs.in)  
[nercsiitd@gmail.com](mailto:nercsiitd@gmail.com)

## Program

*3-Day International Seminar on*

### **Contaminated Sites:**

#### **Subsurface Investigations for Ground Assessment and Remedial Design**

(With Demonstration Sessions)

*3-Day Concurrent Conference on*

#### **Geoenvironment & Sustainability**

**17<sup>th</sup> to 19<sup>th</sup> February 2020 (Mon-Wed)**

Sessions: A (09:00 - 11:00), B (11:30 - 13:30), C (14:30-16:30), D (17:00-18:30)

#### **Days 1 - 3: 17<sup>th</sup> to 19<sup>th</sup> Feb 2020 (Mon-Wed)**

A: Seminar: Keynote Speakers (International & National) - Lectures on Contaminated Sites

B: Seminar: Case Studies from India

C: Conference Paper Presentations (Theme 1 to 7)

D: Conference Paper Presentations (Theme 1 to 7)

C (parallel): Demonstration Session: Environmental Soil Sampling, OIHPT, ERT, GPR, Handheld XRF (on separate days, daylight hours)

D (parallel): Tutorials/Interactive Sessions (based on proposals and feasibility)

*2-Day Post-Seminar Demonstration Workshop (With Hands-On-Experience)*

#### **Subsurface Environmental Soil Sampling and Field Testing**

**20<sup>th</sup> to 21<sup>st</sup> February 2020 (Thu-Fri)**

Separate Registration is required for each Session.

Participation in each Session: Minimum: 15; Maximum 40 (on first-come basis). A Session will not be viable for less than 15 participants.

#### **Days 4 - 5: 20<sup>th</sup>-21<sup>st</sup> Feb 2020 (Thurs - Fri)**

Demo and Hands-On-Experience/Data Analysis/Interactive Sessions

Sessions on (I) Shallow Depth Environmental Soil Sampling / Direct Push Environmental Soil Sampling (II) OIHPT, (III) ERT, (IV) GPR and (V) Handheld XRF (Parallel sessions)

#### **Invited International Speakers** (confirmation awaited)

International Speakers have been invited from the following organisations: Univ. of Chicago, Univ. of Calgary, Arcadis, Golder, AECOM, ERM, Jacobs, Stratus, Sweco, Grontmij, PWC, COWI, Geoprobe, IRIS, Thermofischer, UTSL.

#### **Background, NERCS & Geoenvironment-2020:**

Under a project sponsored by MoEF&CC at IIT Delhi on “Capacity Building of Academic Institutions to Support Remediation Initiatives”, the following objectives are being addressed:

- Establish a Network of Experts & Resources on Contaminated Sites (NERCS).
- Procure state-of-the-art environmental soil sampling and field testing equipment.
- Demonstrate subsurface investigation techniques.

NERCS is a virtual network which is accessible to all. Based on a Workshop held in 2018, a NERCS Network List of 80+ experts was uploaded in 2019 on the website [www.nercs.in](http://www.nercs.in)

**Geoenvironment-2020** is a (3-in-1 event): Seminar + Conference + Demo Sessions/Workshop

**International Seminar on 'Contaminated Sites: Subsurface Investigations for Ground Assessment & Remedial Design'** (17-19 Feb 2020) will focus on:

- State-of-Art Lectures by invited Speakers (International & National);
- Case studies by National Experts
- Expansion of NERCS to include international experts and more national experts.

**Case Studies are invited** for the Session B of Seminar

**Conference on 'Geoenvironment & Sustainability'** (17-19 Feb 2020) will be held concurrently with the International Seminar during the post-lunch sessions.

**Papers are invited** for the following themes:

- MSW and HW Landfills
- Slurry Ponds, Ash Ponds, Tailings Ponds
- Re-use of Waste Materials
- Landfill Mining & WTE/ Incineration Residues
- Contaminated Land: Investigations & Remediation
- Sustainable Solutions
- Special topics

**Demo Sessions** (17 - 19 Feb) & **Post Seminar Demo Workshop** (20 - 21 Feb 2020) Demonstration Sessions will be held in parallel during afternoon sessions of the Seminar. Two additional days are planned for Post-Seminar Workshop (after workshop with hands-on-experience)

- Demonstration of Environmental Subsurface Sampling Equipment
- Demonstration of Subsurface Profiling with Optical Imaging / Conductivity / Hydraulic Profiling, Electrical Resistivity Testing, Ground Penetrating Radar and Hand held XRF

**Invitation:** Participation is invited from IITs, IISC, NITs, CSIR Institutions, Environment Ministry and Pollution Control Boards, top Research Institutions / Labs and Industry participants.

**Registration, Travel Support, Accommodation:** Registration is free but seats are limited. Some travel support (as per Govt. norms) is available on request for Invited Speakers, Experts, Presenting Officials. Limited rooms are available at IITD Guest house. Other participants will have to book directly in recommended nearby hotels.

*Coordinating Faculty:*

Prof. Manoj Datta, Prof. G.V. Ramana, Prof. R. Ayothiraman, Prof. Prashanth Vangla  
(nercsiitd@gmail.com)