

# GEOENVIRONMENT-2020

## \*\*Workshop (Demonstration Sessions)

**Venue: Site in between roundabout & Kailash hostel**

Demonstrations will be carried out in four groups (each of 25-40 participants) with one 2-hour session per group. Each group will witness all field tests. These sessions will be in parallel with the International Seminar/Conference. The following will be demonstrated in each session:

Group 1: 14:30-16:30 on 17/02/2020  
 Group 2: 11:00-13:00 on 18/02/2020  
 Group 3: 14:30-16:30 on 18/02/2020  
 Group 4: 11:00-13:00 on 19/02/2020  
 Group 5: 10:30-13:30 on 20/02/2020 and 21/02/2020 (on expression of interest)

Field Equipment	Activity	Field Coordinated by
<b>1a.</b> Direct Push Environmental Soil Sampling using 7822 DT Rig by Geoprobe Systems	Operation of Geoprobe Rig 7822DT will be demonstrated to show how an environmental soil sample is recovered using dual tube system	Wesley McCall and Adam McMath
<b>1b.</b> Benchtop demonstration of OIHPT using 7822 DT Rig by Geoprobe Systems	Operation of Geoprobe Rig 7822DT will be demonstrated to show how OIHPT testing is performed	Wesley McCall and Adam McMath
<b>2.</b> Shallow Depth Environmental Soil Sampling with AMS Sampling Kits	The following kits will be displayed: environmental soil sampling kit, petrol powered continuous soil coring kit, augering kit, GVP kit. Operation of some of the kits will be shown.	Neeraj Chadha and Nitish Puri
<b>3.</b> Electrical Resistivity Test using SYSCAL Junior/R1Plus by IRIS Instruments	An electrical resistivity test will be underway at the site and the results obtained will be displayed.	Orlando Leite and L.D. Mohapatra
<b>4.</b> Ground Penetration Radar Survey using GroundVue by Utsi Electronics	GPR will be operated to show how buried utilities at shallow depth are located.	Parampreet Singh
<b>5.</b> Handheld XRF XL3t 98 GOLDD+ by Thermo Fisher Scientific and VOC Monitor Tiger LT	Handheld XRF will be used to distinguish between materials spread on ground surface. VOC monitor will be shown for on-site detection of VOC in soil gas sample.	Padmanabhan Girinathannair and Malathesh MR

Participants can choose a demo group (see table above) as per their convenience on the website or can attend within Group 1 to Group 5 depending on their ID# as indicated below

**Groups Assigned:** As per registration for demo sessions on the website

**For non-registered delegates:**

Group 1: ID# 1-25 and 100-140

Group 2: ID# 26-50 and 141-180

Group 3: ID# 51-75 and 181-220

Group 4: ID# 75-100 and 220-260

Group 5: Overflow and those who choose to attend again