

# Geoenvironment-2020: PROGRAM-AT-A-GLANCE

(updated on 15/02/2020)

Venue: Seminar Hall, IIT Delhi			
	17 <sup>th</sup> Feb 2020	18 <sup>th</sup> Feb 2020	19 <sup>th</sup> Feb 2020
0800	<b>Registration</b>		20 <sup>th</sup> /21 <sup>st</sup> Feb 2020
<b>International Seminar on Contaminated Sites</b>			
0900	<b>Inauguration</b>		
A	<p><b>Wesley McCall/Adam McMath,</b> Geoprobe Systems, USA (30-35)</p> <p><b>Padmanabhan Girinathannair,</b> ERM, Bengaluru (20-25)</p>	<p><b>Gopal Achari,</b> University of Calgary, Canada (30-35)</p> <p><b>Manoj Datta,</b> IIT Delhi (20-25)</p> <p><b>Anthony Cole/Chetan Zaveri</b> AECOM, Malaysia (30-35)</p> <p><b>G L Sivakumar Babu,</b> IISc Bengaluru (20-25)</p>	<p><b>Peter Dietrich,</b> UFZ, Leipzig, Germany (30-35)</p> <p><b>Nin Prakash/Rajat Srivastav,</b> Jacobs, U.K. (25-30)</p> <p><b>Sunil Kulkarni,</b> Innovative and Quality Solutions, Secunderabad (20-25)</p> <p><b>Michael Harbottle,</b> Cardiff University, UK (30-35)</p>
1100	<b>Tea Break (Red Square)</b>		
1130	<p><b>Vinod Babu, CPCB, Delhi (20-25)</b></p> <p><b>Orlando Leite, IRIS Inst., France / L.D. Mohapatra, Aamil Ltd. (25-30)</b></p> <p><b>Malathesh MR,</b> ThermoFisher Sci., Bengaluru (20-25)</p> <p><b>Parampreet Singh, Avantech Engineering Cons. Pvt. Ltd., Delhi (15)</b></p> <p><b>Neeraj Chadha, Complete Inst. Solutions, Delhi (15-20)</b></p> <p><b>Wesley McCall,</b> Geoprobe Systems, USA (10-15)</p>	<p><b>Atul Narayan Vaidya,</b> CSIR-NEERI, Nagpur (20-25)</p> <p><b>Ronald James Thiessen,</b> Uni. of Calgary &amp; Advisian, Canada (30-35)</p> <p><b>J.K. Saha,</b> ICAR-IISS, Bhopal (20-25)</p> <p><b>Natesan Manickam,</b> CSIR-IITR, Lucknow (20-25)</p> <p><b>Sanjay Rana,</b> Parsan Overseas Pvt. Ltd., Delhi (20-25)</p>	<p><b>Indumathi M Nambi,</b> IIT Madras (20-25)</p> <p><b>Ingo Holzle,</b> ETH Zurich (25-30)</p> <p><b>Gowri Sankar Kowtha,</b> Stratus Environmental, Inc., USA (20-25)</p> <p><b>G.V Ramana / R. Ayothiraman,</b> IIT Delhi (20-25)</p> <p><b>Kamlesh Parikh,</b> BRCPL, Vadodara (20-25)</p>
1335	<b>Lunch Break (Red Square)</b>		
1430	<p><b>Tapan Chakrabarti,</b> CSIR-NEERI, Nagpur (20-25)</p> <p><b>Pinaki Sar,</b> IIT Kharagpur (20-25)</p> <p><b>Sangram A. Kadam,</b> Kadam Enviro Cons., Vadodara (15-20)</p> <p><b>V.M. Motghare,</b> Maharashtra PCB, Mumbai (15)</p>	<p><b>Soumya Chatterjee,</b> DRDO, Tezpur (20-25)</p> <p><b>George K Varghese,</b> NIT Calicut (15-20)</p> <p><b>Brijesh Kumar Yadav,</b> IIT Roorkee (15)</p> <p>Case study by SPCB (12)</p> <p>Case study by SPCB (12)</p>	<p><b>Manoj Patel,</b> BEIL Infra. Ltd., Ankleshwar (20-25)</p> <p><b>Bhanu Prakash V, IIT Roorkee (15)</b></p> <p><b>Amit Kumar, MNIT Jaipur (15)</b></p> <p><b>Abinash Mahanta, Assam Engg. College, Guwahati (12)</b></p> <p>Case study by SPCB (12)</p>
1550	<b>Tea Break (Red Square)</b>		
<b>Conference on Geoenvironment &amp; Sustainability</b>			
1615	<p><b>Theme A (I): Contaminated Sites - Investigation and Remediation</b></p> <p>ID# 103, 110, 133, 139, 150, 184, 193 (8-10 min each)</p>	<p><b>Theme A (II): Contaminated Sites - Investigation and Remediation</b></p> <p>ID# 064, 105, 135, 192, 194, 198 (8-10 min each)</p>	<p><b>Theme D: Others/Special Topics</b></p> <p>ID# 214 and Awaiting Papers (8-10 min each)</p> <p><i>Sequencing of presentations can be modified</i></p>
D	<p><b>Theme B: Landfills and Slurry Ponds</b></p> <p>ID# 106, 117, 119, 120, 129, 130, 163, 136, 228 (8-10 min each)</p>	<p><b>Theme C: Reuse and Sustainability</b></p> <p>ID# 113, 116, 122, 125, 126, 123, 134, 137, 142, 155, 217, 228 (8-10 min each)</p>	<p><b>Closure (1700-1800)</b> (Distribution of Participation Certificates)</p>
1845	<i>Sequencing of presentations can be modified</i>		
<b>Parallel: **Workshop (Demonstration Sessions) - See next page</b>			
	<b>Group 1 1430-1630</b>	<p><b>Group 2 1100-1300</b></p> <p><b>Group 3 1430-1630</b></p>	<b>Group 4 1100-1300</b>
	<b>Group 5 1030-1330</b>		
<b>Parallel: ***Tutorial / Interactive Sessions - See next page</b>			
	<b>TT 1 and TT 2 1730-1830</b>	<b>TT 3 and TT 4 1730-1830</b>	<b>TT 5 1615-1700</b>
	<b>Dinner and Musical Evening 2000-2200</b>		

**Demo Sessions/  
Interactive Sessions  
(if interest is expressed by more than 15 participants)**

## GEOENVIRONMENT-2020

### \*\*Workshop (Demonstration Sessions)

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

Demonstrations will be carried out in five 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: 1430-1630 on 17/02/2020 Group 2: 1100-1300 on 18/02/2020 Group 3: 1430-1630 on 18/02/2020 Group 4: 1100-1300 on 19/02/2020 Group 5: 1030-1330 on 20/02/2020 and 21/02/2020 (on expression of interest)
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	Field Equipment	Activity	Field Coordinated by
1a.	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
1b.	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
2.	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
3.	Electrical Resistivity Testing 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
4.	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
5.	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 will be allotted a specific group within Group 1 to Group 5 depending on their ID#

### \*\*\*Tutorial / Interactive Sessions

<b>Venue 1:</b> CE Committee (Block IV-221)	<b>Venue 2:</b> Soil Engineering Laboratory (Block V-223)	<b>Venue 3:</b> Engg. Geology Lab (Block IV-331)
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Tutorials/Interactive sessions will be conducted in parallel to the conference. Duration of each tutorial will be around 40 to 60 minutes. These sessions may run in parallel to each other or in sequence. The following tutorials/interactive sessions are being offered:

- A. Field Equipment related:** All participants will meet the Field Coordinator(s) during demonstration sessions. Detailed discussions can also be done on the field after completion of demonstration. For specific queries requiring classroom setup for tutorial/interaction, participants can register for that specific tutorial/interactive session with the Field Coordinator(s) of the demonstration session.

*Venue: Venue 3 i.e. Engineering Geology Lab (IV-331)*

*Time: 1730 - 1830 on Day 1 and Day 2; 1615 - 1700 on Day 3*

*To be registered with the Field Coordinator(s) while attending demo sessions; no pre-registration required*

- B. Offered by Invited Speakers:** Participants interested in attending any of the following tutorial/interactive session offered by Invited Speakers have to register in advance or at the registration desk (feasibility will depend on registration by minimum 10-15 participants).

	Title	Offered by	Day	Time	Venue
TT 1	Case studies on remediation	Tapan Chakrabarti, CSIR-NEERI, Nagpur	17th Feb 2020	1730-1830	Venue 1 (Block IV-221)
TT 2	Genomic and metagenomic tools and approaches for designing bioremediation strategies	Pinaki Sar, IIT Kharagpur	17th Feb 2020	1730-1830	Venue 2 (Block V-223)
TT 3	An example of how to conduct risk assessment of contaminated sites	Gopal Achari, University of Calgary, Canada	18th Feb 2020	1730-1830	Venue 1 (Block IV-221)
TT 4	An example of how to prioritise contaminated sites will be developed	Ronald James Thiessen, University of Calgary & Advisian, Canada	18th Feb 2020	1730-1830	Venue 2 (Block V-223)
TT 5	Use of hollow stem auger	Gowri Sankar Kowtha, Stratus Environmental, Inc., USA	19th Feb 2020	1615-1700	Venue 1 (Block IV-221)

Participants can choose a specific tutorial session depending on their interest.  
A tutorial/interactive session will be held if atleast 10-15 participants express interest