

## International Webinar Series on Geoenvironmental Engineering, Sustainability, and Resiliency

You are invited to attend a webinar series covering a broad range of topics in geoenvironmental engineering, including land contamination, waste management, sustainability, and resilience. This series is supported by the ISSMGE Technical Committee 215 on Environmental Geotechnics (TC 215) and the ASCE/G-I Geoenvironmental Engineering Committee (GEC).

### Spring 2025 Schedule of Webinars

Date	Presentation Title	Presenter
January 16, 2025 9 am CT	<b>User-Friendly Interactive Models for Groundwater Education—Still Useful After 25 years!</b>	Albert J. Valocchi, Abel Bliss Professor of Engineering, Department of Civil and Environmental Engineering, University of Illinois at Urbana-Champaign, Urbana, IL, USA
January 23, 2025 9 am CT	<b>Energy Pile: Knowing Its Performance and Behavior for Sustainable Future</b>	Anthony Gunawan, Lecturer, Department of Civil Engineering, Faculty of Engineering, Bina Nusantara University, Jakarta, Indonesia
January 30, 2025 9 am CT	<b>Selection of Long-Term Shear Strength Parameters for Strain Softening Geosynthetic Interfaces</b>	Richard Thiel, President, Thiel Engineering, Inc., Oregon House, CA, USA
February 6, 2025 9 am CT	<b>Coal Incineration Ashes: Hydration Activity, Potential for CO<sub>2</sub> Capture, and Properties for Geotechnical Applications</b>	Vesna Zalar Serjun, Scientific Associate, Department of Materials, Slovenian National Building and Civil Engineering Institute, Ljubljana, Slovenia
February 13, 2025 <b>4 pm CT</b>	<b>Circular Economy Opportunities in Managing Organic Waste</b>	Dharma Hagare, Senior Lecturer, Sustainability Engineering, Leader of Nutrient, Energy, Water and Materials Recycling Group (NEWMARG), School of Engineering, Design and Built Environment, Kingswood, Western Sydney University, Australia

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March 6, 2025 9 am CT	<b>Overview of Slurry Trenching and Recent Lessons Learned</b>	Dan Ruffing, Vice President, Geo-Solutions, Inc., New Kensington, PA, USA
March 13, 2025 9 am CT	<b>Incineration Ashes as Secondary Resources: Extraction of Scarce Elemental Resources and Recycling into Construction Materials</b>	Lisbeth M. Ottosen, Materials & Durability Professor, Head of Section for Materials and Durability, Department of Environmental and Resource Engineering, Technical University of Denmark, Lyngby, Denmark
March 20, 2025 9 am CT	<b>Modernizing the Engineering Curriculum: Bringing Programming into the Classroom with Online Interactive Textbooks</b>	Robert Lanzafame, Senior Lecturer, Delft University of Technology, Netherlands
March 27, 2025 9 am CT	<b>Insights from Landfill Mining of Old MSW Dumps in India</b>	Manoj Datta, Emeritus Professor, Civil Engineering Department, Indian Institute of Technology Delhi, Hauz Khas, New Delhi, India
April 3, 2025 9 am CT	<b>Utilization of Generative Artificial Intelligence in Geotechnical and Geoenvironmental Engineering</b>	Krishna R. Reddy, Professor, Sustainable Engineering Research Laboratory and Geotechnical & Geoenvironmental Engineering Laboratory, Department of Civil, Materials, and Environmental Engineering, University of Illinois, Chicago, IL, USA
April 10, 2025 9 am CT	<b>Incorporating Sustainability into the Design of Contaminant Barriers</b>	Andrea Dominijanni, Associate Professor, Department of Structural, Geotechnical and Building Engineering, Politecnico di Torino, Turin, Italy
April 17, 2025 9 am CT	<b>Quantifying Spatial and Temporal Variability of Municipal Solid Waste Settlements in the Field through UAV-enabled Sensing</b>	Dimitrios Zekkkos, Professor, Dept of Civil and Environmental Engineering, University of California at Berkeley, CA, USA

Date	Presentation Title	Presenter
April 24, 2025 9 am CT	<b>Can Landfills Support Biodiversity or Only Harm the Environment?</b>	Magdalena Daria Vaverková, Professor, Department of Revitalization and Architecture, Institute of Civil Engineering, Warsaw University of Life Sciences, Warsaw, Poland
May 1, 2025 9 am CT	<b>Recyclable Materials in Geotechnical Applications</b>	Balunaini Umashankar, Professor, Department of Civil Engineering, IIT Hyderabad, India

Register (free) in advance for all or selected webinars at:  
<https://uic.zoom.us/meeting/register/tZUpdeqsrDgoE9JGBwjrAYs1M5KISPajt2yG>

After registering, you will receive a confirmation email containing information about joining the webinar(s). Using it, please mark your calendar!