

International Webinar Series (May-June 2021)

Geoenvironmental Engineering: Polluted Land, Waste Management & Sustainability/Resiliency



Prof. Krishna Reddy (Organizer)

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Registration

<https://uic.zoom.us/join/9123456789>

May-June 2021

Fridays, 9:00-10:00 am (Chicago time)

Program Summary

Weekly webinars on topics related to Geoenvironmental Engineering covering wide range of issues associated with land contamination, waste management, and sustainability and resiliency. All interested are welcome to attend. Highly recommended for MS/MTech/PhD students, post-docs, and young faculty in geotechnical engineering, environmental engineering, and related fields.

Speakers and Webinar Topics

Date and Time: May 7, 2021, 9 am-10 am (Chicago time)

Speaker: Dr. Kristin M. Sample-Lord, Assistant Professor, Dept. of Civil and Environmental Engineering Department, Villanova University, Villanova, PA, USA

Topic: *Advances in Diffusion and Membrane Behavior of Bentonite-Based Barriers*

Date and Time: May 14, 2021, 9 am – 10 am (Chicago time)

Speaker: Dr. Katerina Donevska, Professor, Faculty of Civil Engineering, "Ss. Cyril and Methodius" University, Skopje, North Macedonia

Topic: *Landfill Site Selection Methodologies and Criteria*

Date and Time: May 21, 2021, 9 am – 10 am (Chicago time)

Speaker: Dr. Krishna Reddy, University Scholar, Distinguished Researcher, and Professor, Department of Civil, Materials, and Environmental Engineering, University of Illinois at Chicago, USA

Topic: *Protection of Geomembrane Liner from Damage due to Overlying Drainage Material in Landfills*

Date and Time: May 28, 2021, 9 am – 10 am (Chicago time)

Speaker: Dr. Shobha K. Bhatia, Meredith Professor, Civil & Environmental Engineering & WiSE Co-Director, Syracuse University, Syracuse, NY, USA

Topic: *Dewatering Contaminated Slurries Using Geotextile Tubes- Learning from Case Histories*

All webinars held on Fridays at 9 am (Chicago time) !

Contact Prof. Krishna Reddy (kreddy@uic.edu) if you have any questions or need additional information!

Zoom allows limited participants. Register only if you are sure about attending! Select the dates of the webinars during registration!

Date and Time: June 4, 2021, 9 am – 10 am (Chicago time)

Speaker: Dr. Fei Jin, Lecturer in Geoenvironmental Engineering, Cardiff School of Engineering, Cardiff University, Cardiff, Wales, UK

Topic: *Magnesia-bearing Cements and Their Applications in Soil Remediation*

Date and Time: June 11, 2021, 9 am – 10 am (Chicago time)

Speaker: Dr. S. Mohan, Institute Chair Professor, Environmental and Water Resources Engineering Division, Department of Civil Engineering, Indian Institute of Technology Madras, Chennai, India

Topic: *Mercury Contamination from Waste Storage Yard: Modeling and Remediation*

Date and Time: June 18, 2021, 9 am – 10 am (Chicago time)

Speaker: Dr. Neelima Satyam, Associate Professor & Head, Department of Civil Engineering, Indian Institute of Technology Indore, Indore, India

Topic: *Laboratory to Large-Scale Application of Biocementation in Liquefiable Sand*

Date and Time: June 25, 2021, 9 am – 10 am (Chicago time)

Speaker: Dr. Raj Boopathy, Alcee Fortier Distinguished Service Prof. & John Brady Sr. & John Brady Jr. Endowed Professor, Department of Biological Sciences, Nicholls State University, Thibodaux, LA, USA

Topic: *Bioremediation of Explosives-Contaminated Soil*