

The 8th International Congress on Environmental Geotechnics

“Towards a Sustainable Geoenvironment”

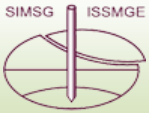
Hangzhou, China, 28th October - 1st November, 2018



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The Organizing Committee is developing a strong scientific program, led by world renowned academicians. ICEG2018 will provide delegates with the best opportunities to increase their knowledge, skills and networks making the Congress the key event for your professional development calendar!

- ✚ 22 plenary lecturers from 11 countries, which includes 8 academicians, 4 editors of major journals, and 6 chairpersons of international renowned organizations (see back page)
- ✚ Emerging topics such as bio-geoengineering and geoenvironmental aspects in energy geotechnics
- ✚ Over 260 papers from 28 countries and regions, including 24 from 10 Belt and Road countries
- ✚ Beautiful sceneries in Hangzhou

SHORT COURSES

Numerical simulation of THMC processes in porous and fracture media: application of the computing code OpenGeoSys

Olaf Kolditz
Haibing Shao
Language: English

2D/3D slope stability and seepage analysis

Murray Fredlund
Haihua Lu
Yufeng Gao
Language: English

Design and remediation of solid and hazardous waste landfills — Approach and analysis of existing problems for landfills in China

Xuede Qian
Jiwu Lan
Language: Chinese

Detailed Pre-Congress Short Course Programs are available on the Congress website www.iceg2018.org. Be sure to register soon to secure your attendance.

PROGRAM AT A GLANCE

Date	Sunday 28th Oct. 2018	Monday 29th Oct. 2018	Tuesday 30th Oct. 2018	Wednesday 31st Oct. 2018	Thursday 1st Nov. 2018
Morning	Short courses	Opening ceremony Distinguished lecture Kerry Rowe lecture Keynote lectures Invited lectures	Keynote lectures Invited lectures General reports	Keynote lectures Invited lectures Bright Spark lectures	Technical visit
Afternoon		Concurrent sessions	Concurrent sessions Closing ceremony		
Evening		TC meeting	Banquet	Impression West Lake	



PLENARY LECTURES

Speakers	Title
	Distinguished Lecture
Kerry Rowe	Environmental Geotechnics: Past, Present and Future
	Kerry Rowe Lecture
Mario Manassero	On the Fabric and State Parameters of Active Clays for Contaminant Control
	Keynote Lectures
Craig Benson	Sustainability in Reuse of Solid Wastes
Ning-wu Chang	Brownfield Redevelopment at Contaminated Landfill Site
Yun-min Chen	Waste Mechanics and Sustainable Landfilling Technology: Comparison between HFWC and LFWC MSWs
Hywel Thomas	Deep Ground and Energy: Carbon Sequestration and Coal Gasification
	Invited Lectures
Malek Bouazza	Failures in Containment System: Lessons Learned
Michael A. Celia	Modeling Geological Storage of Carbon Dioxide with a Focus on Leakage Risk Assessment
Pierre Delage	Micro-macro Effects in Bentonite Engineered Barriers for Radioactive Waste Disposal
Nathalie Touze-Foltz	Performance Issues of Barrier Systems for Landfills
Stephan Jeffries	Low Permeability Vertical Barriers: The State of the Art and the Research Needs for the Future
Takeshi Katsumi	Towards Sustainable Soil Management Reuse of Excavated Soils with Natural Contamination
Ed Kavazanjian	Biogeotechnical Engineering Applications for Environmental Protection and Restoration
Olaf Kolditz	Workflows in Environmental Geotechnics: Status-Quo and Perspectives
William Powrie	Climate and Vegetation Impacts on Infrastructure Cuttings and Embankments
Krishna Reddy	Risk, Sustainability and Resiliency Considerations in Polluted Site Remediation
Devendra Narain Singh	Centrifuge Modeling of Contaminant Transport in Geomaterials
Rainer Stegmann	Development of Landfill Technology in the Last 30 Years
Antonio Thome	Remediation Technologies Applied in Polluted Soils: New Perspectives in this Field
Fu-ming Wang	Jet Grouting for Leakage Prevention With Non-aqueous Reactive Polymers
Charles Shackelford	Pollutant Transport
William Powrie	Waste mechanics

TOPICS

- ✚ Geoenvironmental risk assessment, management and sustainability
- ✚ Geotechnical recycling and reuse of waste materials
- ✚ Transport, persistence and fate of pollutants
- ✚ Contaminated land and remediation technology
- ✚ Engineering barriers
- ✚ Landfills of solid wastes
- ✚ Application of geosynthetics in geo-environmental engineering
- ✚ Geoenvironmental aspect in energy geotechnology
- ✚ Tailings and mine wastes
- ✚ Biogeotechnical engineering

HOW TO REGISTER

Further information on all registration entitlements, accommodation, social functions and all relevant terms and conditions are provided on the Congress website. Payment is accepted by credit card, Alipay or bank transfer.

Visit www.iceg2018.org to register now.

For further information regarding the ICEG2018 Congress, please contact the Congress office:

Tel: +86 (0)571 8820 8793

Email: iceg2018@zju.edu.cn