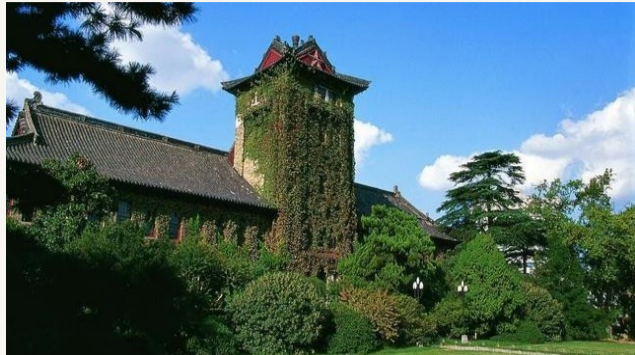


# The 5<sup>th</sup> International Society of Environmental Geotechnolgy Intermediate Symposium

**with High-level Forum on Environmental Geo-Engineering**

15<sup>th</sup>–17<sup>th</sup> November 2024  
Nanjing, China



## ORGANISED BY:

- International Society of Environmental Geotechnolgy (ISEG)
- Geological Society of China

## HOSTED BY:

- Engineering Geology Committee, Geological Society of China
- Nanjing University

## SUPPORTED BY:

- National Natural Science Foundation of China
- Nanjing University High-Tech Institute at Suzhou
- CSRME Subsociety for Intelligent Monitoring in Geoengineering
- Suzhou NanZee Sensing Technology

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## INTRODUCTION

The International Society of Environmental Geotechnolgy (ISEG) aims to promote broad cooperation on environmental geotechnical issues among countries, organizations and individuals in order to advance global sustainable development. The “Forum” is an academic event between ISEG congresses, the first of which was held in 1999. The theme of the Forum is “Climate Change and Environmental Geotechnical Engineering”, and renowned scholars will be invited to deliver keynote speeches and share the latest achievements in environmental geotechnical engineering. A high-level forum on environmental geology and geotechnical engineering will be held concurrently with the forum.

## IMPORTANT DATES

- First Announcement **April 10**
- Second Announcement **June 20**
- Open Registration **June 20**
- Early-bird Registration Deadline **October 15**
- Presentation Proposal Deadline **November 5**
- Registration **November 15**
- Opening Ceremony + Plenary Keynote Presentation **November 16**
- Theme Keynote Presentation + Concurrent Session Presentations + Closing Ceremony **November 17**

## SESSIONS

- Impact of climate change on geo-engineering
- Extreme climates and their geo-environmental effects
- Geological carbon capture, utilization and storage
- Remediation of mining site, soil and groundwater
- Soil-Plant-Atmosphere interaction
- Sustainable energy utilization
- Waste disposal and utilization
- Sustainable infrastructure
- Sustainable and high-efficient geohazard prevention
- Interdisciplinary and emerging technologies
- Young scholar session

## REGISTRATION

Please register via the link or can the QR code :

<https://wenjuan.nju.edu.cn/vm/wKsqFLP.aspx>



Scan the QR code (wechat/browser)

Registration Fee:

	Early Bird (by Oct. 15)	Normal (By Nov.15)
Standard	CNY 3600/USD 500	CNY 4600/USD 630
Student	CNY 1800/USD 250	CNY 2300/USD 315

(For students, please send your student certificate to [iseg@nju.edu.cn](mailto:iseg@nju.edu.cn))

## PRESENTATION APPLICATION

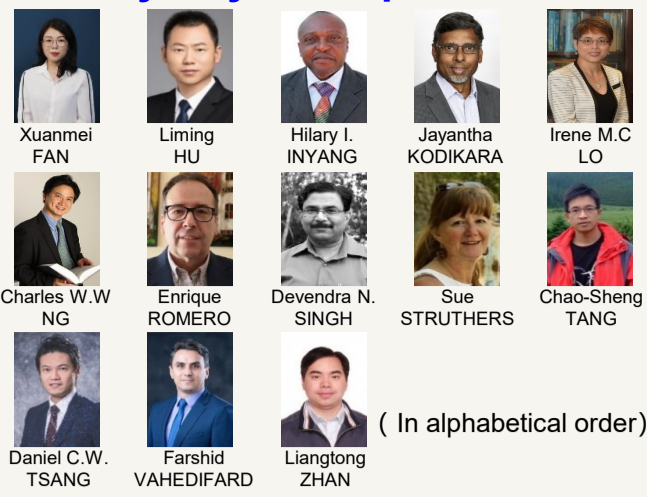
If you wish to apply for an oral presentation, please fill in the presentation title in the registration system by November 5 (submission of an abstract is optional)

## CONFERENCE VENUE

Nanjing University International Conference Center (East Gate of Nanjing University Xianlin Campus)



## Plenary Keynote Speakers



## Theme Keynote Speakers



## PAYMENT METHOD

\*Please add the message in transaction:

Name + Affiliation  
(请在支付时备注: 姓名+单位)

- PayPal  
PayPal details: [shibin@nju.edu.cn](mailto:shibin@nju.edu.cn)
- Bank Transfer (银行卡转账)  
Account Name (户名): 南京大学(苏州)高新技术研究院  
Bank of Account (开户行): 工商银行苏州工业园区支行  
Account Number (账号): 1102020309000326892
- Alipay (支付宝)  
Account Number (账号): 18061722756  
Name (姓名): 怀意君



Alipay QR code

## HOTEL RESERVATION

(Participants are advised to make their reservations by phone on their own)

\*Please indicate the meeting name at the scheduled time:

The 5<sup>th</sup> International Society of Environmental Geotechnolgy Intermediate Symposium.

- Nanjing University International Conference Center (0 m from the venue)  
Special Rate: 380 RMB including breakfast, Tel: 18051007355
- Atour Hotel Xianlin University Town Nanjing University Subway Station (714 m from the venue)  
Special Rate: 380 RMB including breakfast, Tel:15951962356
- Holiday Inn Nanjing Yingzun Hotel (588 m from the venue)  
Special Rate: 360 RMB including breakfast, Tel: 18914778183
- Nanjing Training Center Hotel (562m from the venue )  
Special Rate: 340 RMB including breakfast, Tel:13776617402
- Nanjing Zhonggong Huiyue Hotel (1.9km from the venue)  
Special Rate: 380 RMB including breakfast, Tel:17702501195
- Atour Hotel, University Town Innovation Park (2.3km from the venue )  
Special Rate: 380 RMB including breakfast, Tel:15951962356

## Plenary Keynote Presentations ( November 16, 2024 )

- Xuanmei FAN**  
Climate Change Induced Cascading Hazards: Mechanisms and Prediction
- Liming HU**  
The Innovative Technology of Enhanced Pressurized Electro-osmosis for Slurry Dewatering
- Hilary I. INYANG**  
Geoenvironmental Aspects of Climate Change Vulnerability and Resilience
- Jayantha KODIKARA**  
Geotechnical and Geoenvironmental Challenges to Climate Change in Australia: Impacts, Mitigation, and Adaptation
- Irene M.C LO**  
An Advanced Decision Support Tool for Preliminary Selection of Candidate Remediation Technologies for Soil and Groundwater at Potentially Contaminated Sites
- Charles W.W NG**  
The Interplay between Ecology, Geoenvironmental and Geological Engineering under a Changing Climate

- Enrique ROMERO**  
To be determined
  - Devendra N. SINGH**  
Environmental Geomechanics: A Panacea to Attain NET ZERO
  - Sue STRUTHERS**  
Critical Minerals for Clean Energy Technologies
  - Chao-Sheng TANG**  
Enhancing Soil Resilience to Climate Change through a Bio-approach
  - Daniel C.W. TSANG**  
CO<sub>2</sub> Curing and Biochar-cement Composites
  - Farshid VAHEDIFARD**  
Geohazards in the U.S. in the Face of Climate Change
  - Lianglong ZHAN**  
Management Strategies of Urban Excavated Soils: Efficient Classification and Multi-purpose Utilization
- (In alphabetical order)

## Theme Keynote Presentations (November 17, 2024)

- Ni AN**  
The Coupled Response of Soil to Extreme Climatic Conditions
- Hongxin CHEN**  
Durability of Geopolymer Cutoff Wall Backfills under Dry-wet Cycles
- Xiaoqing CHEN**  
To be determined
- Yonggui CHEN**  
Laboratory Visualization of Hydraulic Fracturing in Compacted Bentonite
- Yanjun DU**  
Enhanced Containment Performance of Low Carbon Backfills in Vertical Cutoff Walls
- Xiaojun GUO**  
The Formation Process and Forecasting of Channelized Debris Flood
- Yong HE**  
Coupled Chemo-Hydro-Mechanical Effects on Volume Change Behavior of Compacted Clay
- Xiasong HU**  
Study on the Mechanical and Hydrological Effects of Vegetation Ecological Protection in the Upper Yellow River Region
- Lihua LI**  
Research on Ecological Reinforcement of Slope
- Yanrong LI**  
To be determined
- Changdong LI**  
Multi-field Evolution Process and Slope Catastrophic Mechanism of Ice-rich Moraine Soil in Southeast Tibet Region
- Anthony K. LEUNG**  
To be determined
- Jin LIU**  
To be determined
- Xiaolei LIU**  
The Dynamics of Deep-sea Turbidity Current and Its Environmental Effects
- Chaojun OUYANG**  
The Numerical Modeling of Dynamic Process and forecasting for Mountain Hazards
- Hefu PU**  
Development of Polymer-modified Bentonite and Its Application in Containment Barriers
- Shengwen QI**  
Rock Mass Structure Dynamics and Coseismic Landslides

- Wanghua SUI**  
Prevention and Control of Seepage Deformation and Failure of Surrounding Rock Mass of Water Retention Bulkhead in Mines
- Fei WANG**  
The Remediation of Trichloroethene Contaminated Groundwater by Permeable Reactive Barrier with Biochar-iron Composites
- Qiong WANG**  
Anisotropy of Compacted Bentonite in the Hydration-induced Cracking Process
- Yufeng WANG**  
Experiment Study on the Basal Particle Agitation in Rock Avalanches
- Lizhou WU**  
To be determined
- Haijian XIE**  
Mathematical Models for Solute Transport in Landfills and Leakage Detection Technology
- Ling XU**  
To be determined
- Long XU**  
Air Sparging Remediation of VOCs Contaminated Low-permeability Soil by Changing the Hydro-mechanical Field
- Yiguo XUE**  
To be determined
- Fanyu ZHANG**  
Recurring Mechanism of Fluidized Loess Flowslides
- Jie ZHANG**  
Empowering Geotechnical Parameter Estimation and Modeling with Data Science: A New Paradigm
- Wen ZHANG**  
Thermal Physical Response of Rock Masses: A Large-scale Physical Model
- Zhen ZHANG**  
Development and Performance Testing of Biodegradable Vertical Drain Modified with PLA/PBAT Composite
- Xiaoyan ZHAO**  
To be determined
- Hu ZHENG**  
Research on the Impact of Atmospheric Pressure on the Flow Characteristics of Geotechnical Granular Materials

(In alphabetical order)