

1st International Symposium on Georisk Assessment and Mitigation & 2nd High-Level Forum on Intelligent Monitoring in Geoen지니어ing



January 26 - 28, 2024 | Nanjing, China

First Announcement

Theme: Intelligent Geological Risk Perception and Mitigation

Organizing Institution: International Consortium on Geo-disaster Reduction (ICGdR), Technical Committee on Geotechnical Risk Assessment and Mitigation (TC-5), Chinese Subsociety for Intelligent Monitoring in Geoen지니어ing - CSRME, Nanjing University

Hosting Institution: Institute of Earth Exploration and Sensing, Nanjing University; Nanjing University High-tech Institute at Suzhou

Co-Organizing Institutions



National Natural Science Foundation of China



China National Group of International Association for Engineering Geology and the Environment



International Society for Environmental Geotechnics



International Society for Intelligent Infrastructure Structural Health Monitoring



China Civil Engineering Society - Engineering Risk and Insurance Research Branch



Tongji University



The Hong Kong Polytechnic University



Chengdu Institute of Mountain Hazards and Environment, CAS



Nanjing Center of China Geological Survey



Key Laboratory of Earth Fissure Geological Disasters, Ministry of Land and Resources

Conference Overview

In the context of steady global population growth and frequent extreme climatic events, the world is increasingly facing frequent assaults from a series of geological and geotechnical disasters such as landslides, ground subsidence, pit instability, and foundation settlement. These disasters not only threaten the safety and stability of human societies but also pose unprecedented challenges to global sustainable development. Hence, there is an urgent need to implement effective measures for detecting, assessing, and mitigating these disaster risks. However, the complex mechanisms and numerous uncertainties

associated with geological and geotechnical disasters greatly challenge in-situ monitoring and risk management. Recently, the intelligentization of risk perception and evaluation has become a key approach to addressing these issues, offering new possibilities for more accurate disaster assessment and risk management.

This conference will focus on the cutting-edge topic of "Intelligent Geological Risk Perception and Mitigation." It invites renowned scholars and experts from both domestic and international arenas to discuss theories, technologies, and methods in the field of geological and geotechnical disaster risk analysis and defense, share the latest scientific advancements, promote international academic exchange and cooperation, and contribute to the innovative development of related theories and technologies.

Main Topics

- Advances in Global Geological and Geotechnical Risk Management Theories
- Innovations and Applications in Geological and Geotechnical Disaster Monitoring Technologies
- Innovations and Applications in Geological and Geotechnical Disaster Assessment Methods
- Case Analysis of Disaster Prevention and Mitigation Practices in Geology and Geotechnics
- Big Data Analysis Techniques in Geological Risk Management
- Intelligent Risk Perception and Assessment Technologies for Geological Disasters
- Strategies for Addressing Geological and Geotechnical Disasters in the Context of Climate Change
- Techniques for Enhancing Urban Resilience to Disasters
- The Role of Geological and Geotechnical Disaster Risk Assessment in Policy Making
- Interdisciplinary Collaborative Methods in Geological Disaster Risk Management
- Development and Sharing of Educational Resources on Geological Disasters
- Trends and Challenges in Geological Disaster Risk Assessment Technologies

Conference Languages: English and Chinese

Preliminary Schedule

On-site Registration	Jan. 26, 2024, starting at 2:00 p.m. and the morning of Jan. 27, 2024
The 4th Regular Council Meeting of the Chinese Subsociety for Intelligent Monitoring in Geoen지니어ing - CSRME	Evening of Jan. 26, 2024 (Online + Offline)
Keynote Speeches	January 27, 2024
First General Meeting of ICGdR TC-5	Evening of Jan. 27, 2024 (Online + Offline)
Field Inspection	Jan. 28, 2024

Call for Papers:

The conference will publish special issues in "Geoenvironmental

Disasters" and "Bulletin of Geological Science and Technology". Submissions are welcomed and should be sent to the conference email by **May 1, 2024**.

Academic Committee

- Chair:** Prof. Manchao HE, China University of Mining and Technology, Academician of the Chinese Academy of Sciences
- Vice Chair:** Prof. Fawu WANG, Tongji University, President of the International Consortium on Geo-disaster Reduction

Organizing Committee

- Chair:** Prof. Bin SHI
- Vice Chairs:** Prof. Honghu ZHU, Prof. Jie ZHANG
- Secretary-General:** Associate Prof. Daoyuan TAN, Associate Prof. Yang YU, Prof. Peiyuan LIN

Contact Information

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Conference Venue

The conference will be held in Nanjing, Jiangsu Province, one of China's four great ancient capitals and a national center city, known as the "Ancient Capital of the Six Dynasties" and "Metropolis of Ten Dynasties." The venue is located at Nanjing University's Xianlin Campus (Zhu Gongshan Building, 163 Xianlin Avenue, Nanjing). Nearby accommodations include the Nanjing University International Conference Center, Atour Hotel, and Holiday Inn Express. Delegates are advised to arrange their accommodation independently.

Conference Registration

Registration Fee	Official Delegate:	Student Delegate or Accompanying Person:
	1500 RMB/person	900 RMB/person
Field Inspection	500 RMB/person	

Note: The registration fee includes conference materials, meals, and refreshments during the conference but excludes accommodation and transportation.

Payment can be made via bank transfer or on-site. It is recommended that delegates pay the registration fee via bank transfer in advance. Receipts will be issued by Nanjing University (Suzhou) Institute of Advanced Technology and collected upon conference registration. The bank transfer payment information is as follows:

Account Name: Nanjing University High-tech Institute at Suzhou
Bank: Industrial and Commercial Bank of China, Suzhou Industrial Park Branch
Account Number: 1102020309000326892
Payment Remark: Delegate's Name + Affiliation

Registration Method: To facilitate conference arrangements, delegates are kindly requested to complete the participation form by scanning the QR code provided below by **January 22, 2024**. Thank you very much!

