

**International Conference on
INNOVATIVE EARTH TECHNOLOGY AND GEOAI
Advanced Technologies and Artificial Intelligence in the Earth and
Environmental Sciences**

06 – 07 December 2024

Nguy Nhu Kon Tum Auditorium, 19 Le Thanh Tong, Hanoi, Vietnam

Organized by

University of Science, Vietnam National University, Hanoi
Interdisciplinary Professor Council of the Earth and Mining Sciences
Vietnam Union of Geological Sciences
Vietnam Association of Engineering Geology and Environment
Institute of Geological Sciences - Vietnam Academy of Science and Technology
Norwegian Geotechnical Institute
Royal Norwegian Embassy, Hanoi
Vietnam Atomic Energy Institute



In association with

Fukuoka University, Japan
Waseda University, Japan
Vietnam Academy for Water Resources
Hanoi University of Mining and Geology
Hanoi University of Natural Resources and Environment
Ho Chi Minh City University of Technology
University of Science, Vietnam National University, Hochiminh City
University of Sciences, Hue University
International Association for Engineering Geology and the Environment
Thuyloi University
University of Transport and Communications
University of Transport Technology
Information Technology Institute – Vietnam National University, Hanoi
Dong Nai Technology University



INTRODUCTION

The International Conference on Innovative Earth Technology and GeoAI is an intimate gathering uniting pioneers in the fields of earth technology and artificial intelligence applied to the Earth and Environmental Sciences. The conference offers a unique platform where the latest advancements converge, addressing current challenges and steering future progress. Based on that scope, the symposium is intended to attain the following purposes:

- Explore the synergy between earth technology, geotechnical engineering and environmental considerations. Discover the latest strategies for minimizing environmental impact while advancing earth technology.
- Dive into the future of energy and material science. Learn about groundbreaking research shaping the landscape of energy production and sustainable materials.
- Explore the role of GeoAI in smart cities and infrastructure development and innovative approaches enhancing urban living through artificial intelligence.
- Witness the transformative power of digital technologies in the Earth and Environmental Sciences. Discover how data analytics and machine learning are reshaping our understanding of the earth and environmental processes,
- Engage in discussions on circular economy principles and sustainable development. Explore how geotechnology and GeoAI contribute to fostering sustainable practices.
- This conference is not just a gathering; it is an opportunity to connect, share insights, and contribute to the evolving landscape of Earth technology and GeoAI for sustainable development.

Please join us for a day of stimulating discussions and be part of the International Conference on Innovative Earth technology and GeoAI—a nexus of ideas and progress.

Conference Theme:

Advanced Technologies and Artificial Intelligence and in the Earth and Environmental Sciences

Main Topics:

- 1. Earth Technology, Geotechnical Engineering and Environment**
- 2. Energy and New Materials**
- 3. Smart Cities and Infrastructure**
- 4. Digital Transformation in Earth and Environmental Sciences**
- 5. Circular Economy and Sustainable Development**
- 6. Application of Atomic energy in the Earth, Mining and Environmental Sciences**

Important dates:

Abstract submission deadline:	31 May 2024
Notification of abstract acceptance:	15 June 2024
Full text to be received:	15 August 2024
Full text revised:	15 September 2024
Symposium date:	06 December 2024

Conference Registration & Fees

Early registration (Before 15 August 2024)	\$150
Normal registration (After 15 August 2024)	\$200
Authors of accepted papers	\$100
Students	\$50

Field trip

Registration fee: \$100

The field trip is to Tam Coc – Bich Dong, Ninh Binh, Vietnam

Date: 07 December 2024

Symposium Secretariat:

Dr. Dang Quang Khang, Dr. Duong Thi Toan, Dr. Tran Thi Luu

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