

## INTRODUCTION

**Hanoi Geoengineering 2022** continues on the basis of the 2003, 2004, 2005, 2007, 2010, 2013, 2016 conferences, which have become a regular international event to be held in Hanoi, Vietnam, as jointly organized by VNU University of Science, Kyoto University, and Asian Institute of Technology in close collaboration with other overseas and national partners. The Hanoi Geoengineering conference is aimed at fostering a better communication and collaboration between the academic and industrial sectors in the fields of Earth Sciences and Geoengineering for sustainable development and climate change response.

The **Hanoi Geoengineering 2022** conference is one of scientific activities to commemorate the 65<sup>th</sup> anniversary of VNU University of Science (HUS), the 55<sup>th</sup> anniversary of Faculty of Geology, and the 25<sup>th</sup> anniversary of Department of Geotechnics & Geoenvironment, the predecessor of present Department of Geoenvironment and Department of Geotechnics and Infrastructure development at the HUS.

As circular economy is necessary today to promote the goals of sustainable development and maintaining sustainability, **Hanoi Geoengineering 2022 conference** aims to bring together scientists, technologists, engineers, policy makers, managers, and entrepreneurs from all over the world, particularly the Asia-Pacific region to engage in interdisciplinary Earth and Geoengineering, Natural resources, Environment, Energy, Industry, Infrastructure, Economics, to name a few, for joining hands to protect the Earth from the global-, regional- and local- change for sustainable development, maintaining prosperous and safe society, and sustainability.

The conference includes one day of plenary and poster sessions and one day field-trip to visit Trang An Heritage, Vietnam where was recognized by the UNESCO with unique geological-geomorphic values.

**More information can be found at:**

<http://www.vnugeoengineering/index.htm>

## TOPICS

The **Hanoi Geoengineering 2022** conference focuses on innovative geoscience solutions to promote the circular economy and to solve diverse environmental problems that will focus on the following topics:

**1) Earth and geoengineering, geo-ecological technologies for circular and ecological economy:** Environment and climate change investigation, environmental protection, environmental remediation, waste treatment and greenhouse gas (GHG) reduction, disaster mitigation and resilience, disaster and environment recovery, disaster resilience and green growth, sustainable development of infrastructure and geosystems, water engineering (wastewater management and treatment), microplastic pollution reduction.

**2) Sustainable natural resources for circular economy:** Resource circulation, green materials, renewable and clean energy (hydropower, tide, wave and ocean current, wind, solar, and geothermal energy), sustainable exploitation and innovative utilization of traditional energies (coal, oil, and gas), sustainable exploitation and utilization of natural resources, natural resource recovery, natural capital-biodiversity and habitats, eco-tourisms, geoheritage conservation, integrated models of sustainable natural resource allocation and utilization.

**3) Solutions for circular economy and sustainability:** Science and technology, policy and institutions, capacity building and collaboration for sustainable development, maintenance of sustainability, and circular and resilient economy, particularly the applications of digital transformation and innovative technologies (including AI, IoT, block chain, data analytics).

## IMPORTANT DATES

<b>Last date to receive abstract:</b>	20 Sep. 2021
<b>Notice on abstract acceptance:</b>	30 Sep. 2021
<b>Deadline for full paper:</b>	30 Nov 2021
<b>Conference date:</b>	11-12 Feb. 2022



**GEOCRE**  
KEY LABORATORY

# The International Conference Hanoi Geoengineering 2022 Innovative Geosciences, Circular Economy and Sustainability

**11-12 February 2022**

**Venue: Conference Hall, VNU  
19 Le Thanh Tong, Hanoi, Vietnam**

**Organized by**

VNU University of Science (HUS)  
Key Laboratory for Geoenvironment & Climate Change  
Response (GEOCRE)

**Partners**

The Tokyo of University (TU)  
Kyoto University (KU)  
Institute for Global Environmental Strategies (IGES)  
Vietnam Academy of Science and Technology (VAST)  
Vietnam Metrological and Hydrological Administration  
(VMHA)  
Hanoi University of Natural Resources and  
Environment (HUNRE)  
Hanoi University of Mining Geology (HUMG)  
VNU University of Economics and Business (UEB)  
Ho Chi Minh city University of Technology (HCMUT)  
Ho Chi Minh city University of Natural resources and  
Environment (HCMUNRE)  
Vietnam Union of Geological Sciences (VUGS)

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## REGISTRATION FORM

### HANOI GEOENGINEERING 2022

Name:	_____
Affiliation:	_____
Address:	_____
	_____
Country:	_____
Tel:	_____ Fax: _____
E-mail:	_____
<i>I would like to submit a paper for Hanoi Geoengineering 2022, the abstract is enclosed (in a single A4 size page) for consideration.</i>	
Title of the Paper:	_____
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Submission of ABSTRACTS of about 200 - 300 words is now invited from AUTHORS. Abstracts and papers should be in English. Accepted papers at Hanoi Geoengineering 2022 shall be published in the Conference Proceedings with ISBN number.

### Abstract to be submitted to:

#### The Conference Secretariat

Department of Geoenvironment  
Faculty of Geology  
VNU University of Science (HUS)  
334 Nguyen Trai, Thanh Xuan, Hanoi, Vietnam  
Tel: (+84-4) 38585097 FAX (+84-4) 38583061  
Email: [hanoigeoengineering2022@gmail.com](mailto:hanoigeoengineering2022@gmail.com)

## FEES

- Registration fee: 100 USD
- Discount fee for students: 50 USD

The conference fee includes attendance at all keynote and technical sessions, a copy of the Proceedings and fieldtrip cost. All fees are made payable to:

## Conference Secretariat

### HANOI GEOENGINEERING 2022

or, via bank account:

Account name: VNU University of Science  
Account No.: 0021001988338  
Bank: Vietcombank, Thanh Xuan Branch  
Swift add: BFTVVNVX 002

Please note that it is part of the requirements of submission of abstract that the Author or one of his/her co-authors will present the paper at the conference, either orally or as poster, and that all papers to be included in the conference documentation must be registered.



Venue: 19 Le Thanh Tong Street, Hanoi, Vietnam