



**PROPOSAL FOR GIS-IDEAS 2023**  
**(GeoInformatics for Spatial-Infrastructure Development in Earth and Allied Sciences)**

A. Dates (Anytime from November 2023 to December 2023), including a schedule for training workshops and technical sessions: *November 2023*

B. Tentative Theme of the Conference: *Geospatial Artificial Intelligence for Natural hazards and Environmental problems*

C. Venue: *Hanoi University of Natural Resources and Environment (HUNRE)*

D. Plan for conducting in Hybrid Mode (Online/Offline): *Online and Offline*

E. Infrastructure available (Meeting rooms available with capacity, Internet Access, lecture rooms for workshops etc.):

1. *01 Meeting hall containing around 500 - 700 people (Photos below) with available Internet access, desktops, a projector and a large projector screen, printers and other necessary equipment for the workshop.*

2. *01 International conference room containing around 300 people (Photos below) with available Internet access, desktops, a projector and projector screen, printers and other necessary equipment for the workshop.*

3. *05 International meeting rooms containing around 50 people (Photos below) with available Internet access, desktops, a projector and projector screen, printers and other necessary equipment for the workshop.*

*All the rooms above are connected to high-speed Internet access.*

F. Main organizers and possible list of supporting organizations

\* *Main organizers*

1. *Assoc. Prof. Dr. Le Thi Trinh – Vice-rector of HUNRE*

2. *Dr. Truong Xuan Quang*

3. *Dr. Truong Van Anh*

4. *Assoc. Prof. Dr. Nguyen Tien Thanh*

5. *Dr. Dao Hoang Tung*

6. *MA. Vu Thi Thuy Ngan*

\* *Possible list of supporting organizations*

- *HUNRE is a public university that belongs to Ministry of Natural Resources and Environment (MONRE), so it always gets strong support from MONRE. HUNRE also has made collaborations and close relationships with other agencies/units under MONRE, such as the Department of Water Resources Management, Department of Information Technology, Department of Survey&Mapping, the General Department of Land Management, the Centre National Hydrometeorology etc. Therefore, it is an opportunity to advertise the GISIDEAS conference 2023.*

- *HUNRE could involve many domestic and international partners, such as from Governments to private sectors, such as Ministry of Natural Resources and Environment (MONRE), General Department of Environment Administration, Department of National Remote Sensing (RSC), Ho Chi Minh University of Natural Resources and Environment, Hanoi University of Mining and Geology, Thuy Loi University, and internationally, Politecnico di Milano, Italy, several Netherland partners, such as Delft University of Technology, University of Twente, etc.*

- *HUNRE can provide well - equipped conference venues;*

- *With the strength of human sources at the HUNRE, the university can support experienced staff for serving conferences.*

G. Plan for bringing conference proceedings and invitation of papers for academic journals:

- *Abstracts will be collected 2-3 months before full paper submission. Full paper submission should be submitted at least 1 and a half months before the workshop. Reviews and revisions are required.*

- *Conference Proceedings will be published with a registration ISBN code.*

- *The full paper can be published in the Journal of Science on Natural Resources and Environment.*

- *In case of authors consider publishing papers on the Springer book, Springer can select 20 - 30 best papers for publication. The sample of the book is:*

*<https://www.amazon.com/Proceedings-International-Innovations-Sustainable-Responsible/dp/3030602680>*

H. Potential sponsors

- *Viet Nam Ministry of Natural Resources and Environment (MONRE).*

- *Other sources can be from Department/Institutes of the MONRE and HUNRE's partners*

I. Transportation and access to venue

- *Easy to travel by car/taxi*

- *Possible to travel by bus and local transportation to address:*

*Hanoi University of Natural Resources & Environment*

*No 41 A Phu Dien Road, Phu Dien precinct, North-Tu Liem district, Hanoi*

J. Members of Local Organizing Committee

- *Hanoi University of Natural Resources and Environment*
- *Department of National Remote Sensing (RSC), Ministry of Natural Resources and Environment.*
- *Department of Survey and Mapping Vietnam, Ministry of Natural Resources and Environment.*
- *Vietnam Institute of Geosciences and Mineral resources, Ministry of Natural Resources and Environment.*
- *Hanoi University of Mining and Geology*
- *Central Institute for Natural Resources and Environmental studies, Viet Nam National University (VNU-CRES)*
- *Politecnico di Milano, Italy*
- *Delft University of Technology, Netherlands*

K. Information on planned Conference Registration Fee, Student Discount, etc.

- *Conference registration fee and 02 one-day training courses: around 50 US dollars for domestic participants; and 100 US dollars for foreign participants.*
- *Student discount: around 25 - 50 US dollars*
- *Fee for tour (if participate): around 150 US dollars (Expected places: Ha Long Bay or Econology tourist are of Trang An)*

L. What are the Eco-friendly measures you plan to introduce in organizing the event?

- *Minimize plastic products and maximize reusable products, such as using glass bottles instead of plastic bottles, etc.*
- *Easy to travel from the city centre to HUNRE conference venue.*
- *Organize the event in both ways: online and offline*
- *Event's agenda, venue map, and brochures will be posted on the event website, and they are sent in digital versions through email/Whatsapp.*

M. Availability of hotel rooms near venue and approximate cost for single or shared rooms

- *HUNRE is located in the North Tu Liem district that has a major bus terminal in Western Hanoi. The transportation with metropolitan and long-distance buses to provinces north and northwest of Hanoi is easily accessed.*
- *Available local hotels and motels close to HUNRE conference venue with an approximate price of around 15 US dollars per night for a single room, exclusive breakfast.*

- In between 5 km to the venue, international standard hotels with a price varying from 35 to 100 US dollars. This price may be higher depending on the seasons.

N. Any other information that will help the Selection committee to arrive at a decision.

*Hanoi University of Natural Resources and Environment (HUNRE) belongs to Viet Nam Ministry of Natural Resources and Environment (MONRE) and always receives strong support from MONRE in terms of policies, professionals and other sources. Strengths of HUNRE are the convergence of scientists in many different fields, from basic science, such as math, physics and chemistry, to applied sciences, such as Earth sciences, including GIS, information technology, meteorology, hydrology, environment, geography, and geology. Therefore, the linkage of knowledge and cooperation, as well as the mobilization of human resources on science, are carried out conveniently. It also makes the high feasibility for scientific projects and/or programs.*

*HUNRE recently invested the advanced equipment for carrying out research, lectures and education. In fact, plenty of advanced equipment has been provided by collaboration with international partners in the implementation of international collaborative projects. It can be listed several international projects in which many overseas organizations have participated as sufficient partners: Project “Strengthen the training capacity of meteorology and environment sector in Hanoi College of Hydrology and Meteorology (old) and Hochiminh College of Hydro-Meteorology Officer”, sponsored by the Government of the Netherlands through Netherland Organization for International Cooperation in Higher Education (NUFFIC); The technical assistance project sponsored by the Government of the Netherlands through NUFFIC “Capacity building for ThuyLoi University and Hanoi University of Natural Resources and Environment with focus on climate change”; “Climate proof Vietnam - Educating together to achieve sustainable change in the Vietnamese deltas”; The research, development and technology transfer the project on “Integrating Artificial Neural Network and Earth Observation Technologies for Landslide Studying in the Northern Mountain of Vietnam”. This project will be carried out by the GEOLab, Department of Civil and Environmental Engineering of Politecnico di Milano and Hanoi University of Natural Resources and Environment, VietNam.*

*HUNRE has rich experience in hosting international conferences in which many international and Vietnamese scientists have contributed to these workshops. All the full articles have been published in proceedings or in journals with ISBN codes. It can be listed by following international conferences hosted by HUNRE: (1)*

*Technology in Natural Disaster Prevention and Risk Reduction; (2) Towards net zero emissions: Policy and Practice; (3) Natural Resources and Risk Management in context of climate change; (4) Multi-pollutant Emissions from Coal Workshop - MEC 14; (5) Asia-Pacific workshop on regional workshop on the reduction of mercury emission from coal combustion; (6) Asian Pacific Coastal Aquifers Management Meeting - APCAMM 5.*

*Annually, HUNRE staff and students have carried out hundreds of scientific projects with various funds from the government to private companies. Almost topics have been focused on the fields of natural resources and the environment. As a result, these researches have been applied to teaching at HUNRE, making policies, and addressing the issues of the environment in Vietnam provinces. Hundreds of scientific publications have been published in international and domestic journals on different majors linked to the main topics, natural resources and environment in general, and marine environments and reuse coastal resources in particular. Moreover, lecturers at HUNRE who have participated in building and carrying out national and global scientific projects aim to contribute effectively to a setting of the big data on natural resources and the environment that serve the administration and sustainable development.*

*Hanoi, 15<sup>th</sup> September 2022*

**On behalf of Hanoi University  
of Natural Resources and Environment  
Vice rector**



**Assoc.Prof. Dr. Le Thi Trinh**

**SOME IMAGES OF AVAILABE CONFERENCE ROOM AT HUNRE**



A large meeting hall conference containing around 500 - 700 people



Meeting hall at HUNRE containing around 300 - 350 people



Courtesy the International Conference on  
“Technology in Natural Disaster Prevention and Risk Reduction” in August 2022.



A Conference room containing around 50 - 70 people



Smaller conference meeting rooms