

Hanoi, March 28th 2022

FIRST ANNOUNCEMENT AND CALL FOR PAPER
International Conference
“Technology in Natural Disaster Prevention and Risk Reduction”

Attention:

Natural hazards have become more intense and abnormal in the past decade due to negative changes of climatic events induced by environmental factors. These phenomena occur with even high frequency worldwide under the drive of global warming and climate change. As a result, property loss and civilization damages are inevitable. Therefore, it is necessary to increase communities’ preparedness, and building resilience begins with science pose to scientists all over the world.

In order to provide excellent opportunities for experts, scientists, and managers to exchange innovative solutions and ideas in addressing priority issues, Hanoi University of Natural Resources and Environment will open the August 2022 conference of **“Technology in Natural Disaster Prevention and Risk Reduction”**. In this Conference, the focal issues are:

- Advance knowledge and methodology applied in the realm of action to prevent disasters or reduce their effects.
- Application of advanced technologies in disaster risk management and prevention towards sustainable socio-economic development.

Details of the 2022 international conference organized by HUNRE are as follows:

- 1.1 Conference name: Technology in Natural Disaster Prevention and Risk Reduction
- 1.2 *Main topic:*
- a) Advanced Monitoring Technology in Natural and Environmental Hazard Assessment
 - Environmental data visualization: spatial analysis, manipulation, and visualization of geospatial data;
 - Sensors, remote sensing, laser-scanning in Natural Disaster Prevention and Risk Reduction
 - IoT, drones - UAV (unmanned aerial vehicle), Artificial intelligence - machine learning, geospatial data structures, real-time raster analysis in Natural Disaster Prevention and Risk Reduction
 - Mobile App, Spatial data infrastructure (SDI) in Natural Disaster Prevention and Risk Reduction.
 - b) Hydro-Meteorological Disaster Risk Management under climate change condition: Solution and Best Practices
 - Early warning system for disaster risk reduction;
 - Natural Disaster Risk monitoring and management technology;
 - Water security toward sustainable development goal;
 - Advanced technology in water resources management;

- Climate change adaptation toward disaster risk reduction.

- 1.3 *Date:* Expected in August 2022
1.4 *Language:* English
1.5 *Location:* Hanoi University of Natural Resources and Environment

Hanoi University of Natural Resources and Environment cordially invites relative participants, including researchers, managers, and educators to submit articles for the captioned Conference.

Scientific publication: Articles with scientific and practical value in the field of natural resources and environment; content in accordance with the theme of the Conference; not yet published in any journal, conferences, and scientific forums will be published in the Proceedings of the Conference with ISBN index; and excellent quality articles will be selected for publication in the Journal of Natural Resources and Environment Science in 2022 and 2023.

Submission information is attached to this Call for paper.

Fee: The Conference is offered free of charge to all participants who wish to submit a paper, attend and present.

Posting address and deadline:

- Deadline for submitting a full paper: July 31st, 2022.

- Posting address: please send the digital file in word and pdf form to the email address: interconf.2022@hunre.edu.vn

- Phone number: 31- 615567600 (Dr. Dao Hoang TUNG) or 84-981479299 (Dr. Truong VAN ANH)

Sincerely./.

HUNRE VICE-RECTOR



Assoc. Prof. Dr. Le Thi Trinh

SUBMISSION INFORMATION FOR INTERNATIONAL CONFERENCES IN 2022

1. Article content

1.1. Articles submitted to scientific seminars are legal scientific research articles with new contents, announcing research results, introducing various experiences from national to international, scientific exchanges, commentaries and criticisms on theoretical and practical issues that are the subject of the conference.

1.2. Conference submissions must not be published in other proceedings and journals. The author is the owner of the article and is responsible for all scientific content, as well as information, materials, data, illustrations, and more in the article.

2. Language:

Submissions must be in English.

3. Structure: The article is presented in the following order:

- Name of the article;
- The author, affiliation;
- Summary/Abstract (English, not exceeding 200 words, and must reflect the most important results of the research);
- Keywords;
- Content of the article;
- Acknowledgment (if any);
- References;

Please provide details of majors, degrees, academic titles, work addresses, e-mail, phone numbers of the Correspondent Authors (at the bottom of the first page)

4. Format

- Font: Time New Roman. Size 12;
- Line spacing: Single;
- Top & bottom margin: 2.0 cm, left margin 3.0 cm, right margin 2.0 cm;
- The distance between two paragraphs: 3pt;
- Each article must not exceed 10 A4 pages.

5. Pictures, tables

Requires the author to send the original image with the article; Formula: mark with Mathtype software.

6. References are numbered in square brackets according to the order of appearance in articles and recorded in the list of references in the following manner:

- For journal articles: name of author, year of publication, title of the article (in italics), journal title, volume, first page of the article. For example:

[1]. Le Thi Hoai Thu (2018). *Unemployment Insurance under the Law on Social Insurance in Vietnam - something to discuss*. Journal of State and Law 11, 59.

- For books: author's name, year of publication, title (in italics), publisher, place of publication. For example:

[2]. Ngo Huy Cuong (2006). *Democracy and Democratic Law*. Justice Publishing House, Hanoi.

Articles will be reviewed and edited for publish at the Conference Proceedings with ISBN numbers.

** Note: The author of the submission needs to check to ensure his article complies with the above provisions. The article may be returned to the author if these instructions are not followed.*