

16<sup>th</sup> International Conference of the East and Southeast Asia Federation of Soil Science Societies



## ESAFS 2024 Healthy Soils for Sustainable Development

26-29 March 2024

Convention Center, Thai Nguyen University,  
Thai Nguyen City, Thai Nguyen, Vietnam.



### The Fourth Announcement

## 16th International Conference of the East and Southeast Asia Federation of Soil Science Societies (ESAFS 2024)

March 26-29, 2024, Thai Nguyen University, Vietnam

<http://esafs2024.tnu.edu.vn>

<https://www.facebook.com/esafs2024/>

#### Invitation

You are invited to participate in the 16th International Conference of the East and Southeast Asia Federation of Soil Science Societies (ESAFS), which will be held during March 26-29, 2024 at Thai Nguyen University, Thai Nguyen city, Vietnam.

#### The Organizers

Vietnam Society of Soil Science (VSSS),  
The East and Southeast Asia Federation of Soil Science Societies (ESAFS),  
Thai Nguyen University (TNU),

#### In collaboration with

Soils and Fertilizers Institute (SFRI),  
Thai Nguyen University of Agriculture and Forestry (TUAF),  
Thai Nguyen University of Education (TNUE),  
International School of Thai Nguyen University (ISTNU).

#### International Committee of ESAFS

Prof. Shan-Li Wang (Chinese Society of Soil and Fertilizer Sciences - CSSFS, Taiwan)  
Dr. Dipak Ranjan Biswas (Indian Society of Soil Science – ISSS, India)  
Prof. Budi Mulyanto (Indonesian Society of Soil Science – ISSS, Indonesia)  
Prof. Toru Fujiwara (Japanese Society of Soil Science and Plant Nutrition – JSSSPN, Japan)  
Dr. Edoardo A.C. Costantini (International Union of Soil Sciences- President – IUSS)  
Dr. Byong Gu Ko (Korean Society of Soil Science and Fertilizers – KSSSF, Korea)  
Prof. Rosazlin Abdullah (Malaysian Society of Soil Science – MSSS, Malaysia)  
Prof. Keshav Raj Adhikari (Nepalese Society of Soil Science – NSSS, Nepal)  
Prof. Nenita E. dela Cruz (Philippine Society of Soil Science and Technology – PSSST, Philippin)  
Mr. Rapihbat Chandarasrivongs (Soil and Fertilizer Society of Thailand- SFST, Thailand)  
Prof. S.M. Imamul Huq (Soil Science Society of Bangladesh – SSSB, Bangladesh)  
Prof. Xiaoyuan Yan (Soil Science Society of China – SSSC, China)  
Dr. Orchurbat Batkhishig (Soil Science Society of Mongolia – SSSM, Mongolia)  
Prof. Warshi Dandeniya (Soil Science Society of Sri Lanka – SSSSL, Sri Lanka)  
Prof. Vu Nang Dung (Vietnam Society of Soil Science – VSSS, Vietnam)

## **International Advisory Committee**

- Prof. Ravi Naidu (Australia)
- Prof. Jae E. Yang (South Korea)
- Prof. Xiaoyuan Yan (China)
- Prof. Zeng-Yei Hseu (Taiwan)
- Dr. Edoardo A.C. Costantini (IUSS)
- Dr. Umakant Mishra (USA)

## **Keynote Speakers**

1. Prof. Ravi Naidu (Australia)
2. Prof. Steve Shirliffe (Canada)
3. Prof. Xiaoyuan Yan (China)
4. Dr. Umakant Mishra (USA)
5. Prof. Dang Van Minh (Vietnam)
6. Assoc. Prof. Tran Minh Tien (Vietnam)

## **Local Organizing Committee - Scientific responsibility:**

Chairman: Prof. Hoang Van Hung, [hoangvanhung@tnu.edu.vn](mailto:hoangvanhung@tnu.edu.vn)

Thai Nguyen University, Vietnam

Vice-Chairman: Prof. Nguyen The Hung, [nguyenthehung@tuaf.edu.vn](mailto:nguyenthehung@tuaf.edu.vn)

Thai Nguyen University of Agriculture and Forestry, Vietnam

Vice-Chairman: Prof. Vu Nang Dung, [vunangdung15@gmail.com](mailto:vunangdung15@gmail.com)

Vietnam Society of Soil Science

Secretary: Dr. Duong Van Thao, [duongvanthao@tuaf.edu.vn](mailto:duongvanthao@tuaf.edu.vn)

Dr. Nguyen Ngoc Son Hai, [nguyenngocsonhai@tuaf.edu.vn](mailto:nguyenngocsonhai@tuaf.edu.vn)

Assistant Secretary: Dr. Nguyen Thi Giang, [nguyenthigiang@tuaf.edu.vn](mailto:nguyenthigiang@tuaf.edu.vn)

Thai Nguyen University of Agriculture and Forestry, Vietnam

## **Members of Scientific Local Organizing Committee**

Assoc. Prof. Le Minh ([leminh@tuaf.edu.vn](mailto:leminh@tuaf.edu.vn))

Dr. Hoang Huu Chien ([hoanghuuchien@tuaf.edu.vn](mailto:hoanghuuchien@tuaf.edu.vn))

Dr. Nguyen Duy Hai ([nguyenduyhai@tuaf.edu.vn](mailto:nguyenduyhai@tuaf.edu.vn))

MSc. Ly Thi Thuy Duong ([lythithuyduong@tuaf.edu.vn](mailto:lythithuyduong@tuaf.edu.vn))

Mr. Nguyen Tran Quang ([nguyentranquang@tuaf.edu.vn](mailto:nguyentranquang@tuaf.edu.vn))

**Local Organizing Committee - Subcommittees:** List of Subcommittees including: Delegates, Finance - Logistics, Technical Facilities (According to Notification No. 5387/QĐ-DHTN of Thai Nguyen University, Ministry of Education and Training on November 8, 2023)

## **Background**

ESAFS conference is a series of scientific meetings organized every two years to share updated experience and knowledge among soil scientists all over the World, particularly within East and Southeast Asia countries. It is also a platform to promote Research & Development and disseminate the acquired knowledge and technology related to soil sciences. This series of ESAFS's conference are organized to fulfill part of the above aims, rotates within member countries thus allowing equal participations of local soil scientists and fair site information exchange. Following the highly successful previous conferences held in Bangkok, Thailand (ESAFS 2017), Taipei, Taiwan (ESAFS 2019), Kuala Lumpur, Malaysia (ESAFS 2022), ESAFS 2024 will be held in Thai Nguyen city, Vietnam from March 26-29, 2024. ESAFS 2024 is the first time for Vietnam as an organizer.

Thai Nguyen University (TNU), in collaboration with Vietnamese Society of Soil Science (VSSS) will organize the 16th International Conference of the East and Southeast Asia Federation of Soil Science Societies (ESAFS 2024). It will be held at Thai Nguyen University's Convention Center, on March 26-29, 2024.

## ESAFS 2024 Theme: Healthy Soils for Sustainable Development

### Symposium Objectives

- To share invaluable experience and knowledge among soil scientists all over the World, especially in East and Southeast Asia countries.
- To promote active participation of member societies and networking.
- To contribute towards sustainable development in the region through harmonization of agriculture and environment.

### Symposium Topics and Board members

No	Symposium Topics/Sessions	Board members of the Symposium Topic
1	Soil health (Principle and Practice)	<b>Assoc.Prof. Tran Minh Tien – Vietnam (Session Chair)</b> Prof. Vu Nang Dung, President of VSSS Dr. Nguyen Ngoc Son Hai
2	Soil Fertility and Plant Nutrient for Food safety	<b>Prof. Steve Shirliffe – Canada (Session Chair)</b> Prof. Hoang Thi Thai Hoa Assoc. Prof. Nguyen Ngoc Nong Dr. Ha Van Thuan – Canada
3	Soil Classification and Mapping, Soil Evaluation and Land Use	Prof. Nguyen The Hung, Vice-Chair ESAFS 2024 Dr. Nguyen Quang Hai Prof. Nguyen The Dang
4	Soil Ecology, Biodiversity and Soil borne Diseases	Prof. Hoang Van Hung, Chair ESAFS 2024 Prof. Pham Van Toan Assoc. Prof. Ho Ngoc Son
5	Soil Information and Digital Transformation	Assoc. Prof. Mai Van Trinh Dr. Nguyen Van Hieu Dr. Nguyen Thanh Hai
6	Mitigation and C-Sequestration in Soil/Plant System	<b>Prof. Xiaoyuan Yan – China (Session Chair)</b> Assoc. Prof. Pham Quang Ha Dr. Umakant Mishra – USA
7	Land Use to Respond to Climate Change and Sea level Rise	Prof. Vo Quang Minh Dr. Umakant Mishra – USA (Co-Chair) Assoc. Prof. Do Thi Lan
8	Soil Pollution, Soil Degradation and Remediation	<b>Prof. Ravi Naidu – Australia (Session Chair)</b> Prof. Nguyen Manh Khai Assoc. Prof. Mohammad Mahmudur Rahman -Australia Dr. Peter Sanderson – Australia Dr. Nguyen Ngoc Son Hai
9	Land Governance for Sustainable Development	Assoc. Prof. Luu The Anh Dr. Mai Van Phan Dr. Nguyen Huy Trung
10	Upland Soil	<b>Prof. Dang Van Minh – Vietnam (Session Chair)</b> Assoc. Prof. Dao Chau Thu Dr. Nguyen Duy Hai
11	Submerged Soil: Use and Conservation	Prof. Phan Lieu Assoc. Prof. Pham Quang Ha Prof. Nguyen The Dang
12	Land Policy in Food Safety Transformation System	Assoc. Prof. Nguyen Van Bo Dr. Mai Van Phan Assoc. Prof. Tran Minh Tien
13	Education, Extension on Soil Resources and Land Management	Prof. Nguyen The Dang Assoc. Prof. Tran Trong Phuong Assoc. Prof. Nguyen Ngoc Nong Dr. Hoang Huu Chien
14	Serpentine Soils	<b>Prof. Zeng-Yei Hseu – Taiwan (Session Chair)</b> Dr. Nguyen Quoc Dinh
15	Recent Advances in Soil Research	<b>Dr. Umakant Mishra – USA (Session Chair)</b> Prof. Nguyen Ngoc Minh Dr. Tran Huu Tuan – USA

Papers not covered directly by the listed themes, but belonging to the ESAFS 2024 field will be allotted to one of the listed topics. A new symposium topic may be created based on the topics of submitted papers, in case enough numbers of papers about the new topic are submitted.

### Supporting Journals:

1. Science of the Total Environment Journal (Q1)
2. Environmental Pollution Journal (Q1)
3. Soil Science Society of America Journal (SSSAJ) (Q1)
4. Pedosphere Journal (Q1)
5. Environmental Science and Pollution Research Journal (Q2)
6. Journal of Soils and Sediments (Q2)
7. TNU Journal of Science and Technology ( Special Issue of ESAFS 2024, Discount Fee and Special Waive considering when submit for ESAFS 2024, case by case apply and limited number)
8. Vietnam Soil Science (Discount Fee and Special Waive considering when submit for ESAFS 2024, case by case apply and limited number)

### Preliminary Schedule:

Day, Date	Program
Monday, 25 March 2024	Arrivals, Registration and Welcome Reception
Tuesday, 26 March 2024	Opening Ceremony, Keynote Speeches, Lunch party, In-conference Educational Trip, Dinner party
Wednesday, 27 March 2024	Symposium Topic Sessions, Poster Session, Conference Booth Displays, Closing Remarks, Gala Dinner
Thursday-Friday, 28-29 March 2024	Post-conference Field Trip (Departure from Thai Nguyen city to Ha Long Bay, Ha Long City)
Saturday, 30 March 2024	Departure

### Important Dates:

- Abstract Submission (Stage 1): **Before October 30, 2023 (Completed).**
- Notification of Acceptance for Abstract Submission (Stage 1): **From 22th November 2023.**
- Deadline for Participants received Notification of Acceptance for Abstract Submission (Stage 1) **complete the ESAFS 2024's Google Registration Form (ONLY for Participants received Notification of Acceptance for Abstract Submission - Stage 1) and submit the Full Paper in English to [esafs2024@tuaf.edu.vn](mailto:esafs2024@tuaf.edu.vn) (ONLY in case of participants request and following the ESAFS 2024's Full paper format): **By December 10, 2023.****
- Extension of Deadline Abstract Submission (Stage 2): **By 30th November 2023.**

- Notification of Acceptance for Abstract Submission (Stage 2): **Before 10th December 2023.**
- Deadline for Participants received Notification of Acceptance for Abstract Submission (Stage 2) complete [the ESAFS 2024's Google Registration Form \(ONLY for Participants received Notification of Acceptance for Abstract Submission \(Stage 2\)\)](#) and submit the Full Paper in English to [esafs2024@tuaf.edu.vn](mailto:esafs2024@tuaf.edu.vn) (ONLY in case of participants request and following the ESAFS 2024's Full paper format) : **By December 31, 2023.**
- Early Bird registration: **Before December 15, 2023.**

### Symposium format:

The symposium consists of keynote speakers, oral presentation, poster presentation and competition for presentation award. Oral presentations will be selected based on the abstracts submitted. **The competition for Oral Presentation Award (First, Second, Third Award) and Poster Presentation Award (First, Second, Third Award) ONLY for Students (Bachelor, Master, PhD. students and Early Career Researcher within 3 years of the award of the PhD.) and Award Certificates (Electronic Certificates and Paper Certificates).** A In-conference Educational Trip and Two-day Post-Conference Tour is also planned.

**Proceeding of ESAFS 2024 is ONLY an Abstract Brochure.** ESAFS 2024's organization committee ONLY Academic Support for qualified full paper to ESAFS 2024's International/National Supporting Journals which never published in any scientific journal and selected/evaluated by the ESAFS 2024's Scientific Committee including Distinguish International Scientists, Invited Keynote Speakers, Session Chair/Co-Chairs of the Sessions and Editors of the ESAFS 2024's Selected Supporting Journals. **Supporting for Vietnam National Journals, Discount Fee and Special Waive may considering by the journals when submit for ESAFS 2024 and selected/evaluated by the ESAFS 2024's Scientific Committee (case by case apply).**

**Registered Participants approved by ESAFS 2024's Organization Committee will have Electronic Certificates of Participants (Oral presenter, Poster presenter, Reviewers, Keynote Speakers, Committee Members, Participants and Presentation Awards).**

### Registration fees:

Participants	Early Bird (Before 15 Dec. 2023)	Normal Rate (Dec. 15, 2023 to Feb. 15, 2024)	Onsite Registration (Feb. 16, 2023 to Mar. 16, 2024)
International Participants	USD 300	USD 400	USD 500
International Students	USD 100	USD 200	USD 350
Post-Conference Tour	USD 220	USD 240	USD 260
Invited participants	Paid by Thai Nguyen University		
Local participants			

Participant	Local Participant (Before 15 Dec. 2023)	International Participant (Before 15 Dec. 2023)
Post-Conference Tour (2 day 1 night) Day 1: Thai Nguyen - Halong Bay - Lan Ha Bay Day 2: Lan Ha Bay – Tuan Chau Island – Thai Nguyen	VND 5.000.000	USD 220

ESAFS 2024 will offer 30% discounted registration rates for groups of ALL 5 or more people. Please contact Dr.Nguyen Ngoc Son Hai ([esafs2024@tuaf.edu.vn](mailto:esafs2024@tuaf.edu.vn)) for information on group discounts.

### Payment:

#### Account Holder: Thai Nguyen University

Name of Bank: Joint Stock Commercial Bank for Investment and Development of Vietnam (BIDV)

Address: No 653, Luong Ngoc Quyen street, Thai Nguyen city, Thai Nguyen province. Vietnam

**USD Account Number:** 3900025693 or **VND Account Number:** 3900634970

Swift code: BIDVNVX (For International transfer)

Please send your payment transfer receipt via email with the following information: Full name, transfer date, amount of transfer, bank and account number to both [esafs2024@tuaf.edu.vn](mailto:esafs2024@tuaf.edu.vn), [lehoaihanh.tn@gmail.com](mailto:lehoaihanh.tn@gmail.com).

Note 1: Registration fee includes banquet, Lunch and dinner party on March 26, 2024 (only for the registration by March 16, 2024), proceedings, and refreshments. Accommodation and Post-Conference Field trip fees are **NOT** included.

Note 2: In-conference Educational Trip is free.

Note 3: The exact fee charged could be a little higher resulted by cash flow.

### Venues and Accommodation:

Conference venue: Convention Center, Thai Nguyen University, Address: Tan Thinh Ward, Thai Nguyen City, Thai Nguyen, Vietnam;

Accommodation: May Plaza Hotel, Address: 668 Phan Dinh Phung, Thai Nguyen city, Vietnam.



**For further information, please contact: ESAFS 2024's Scientific Conference Secretariat**

Prof. Nguyen The Hung, ([nguyenthehung@tuaf.edu.vn](mailto:nguyenthehung@tuaf.edu.vn))

Dr. Duong Van Thao ([duongvanthao@tuaf.edu.vn](mailto:duongvanthao@tuaf.edu.vn))

Dr. Nguyen Ngoc Son Hai ([nguyenngocsonhai@tuaf.edu.vn](mailto:nguyenngocsonhai@tuaf.edu.vn))

Dr. Nguyen Thi Giang ([nguyenthigiang@tuaf.edu.vn](mailto:nguyenthigiang@tuaf.edu.vn))

Website: <http://esafs2024.tnu.edu.vn>

Facebook page: <https://www.facebook.com/esafs2024/>

Email: [esafs2024@tuaf.edu.vn](mailto:esafs2024@tuaf.edu.vn)

**On Behalf of Organizer Committee:**



**Prof. Vu Nang Dung**  
**President of Vietnam Society of Soil Science**



**Assoc. Prof. Hoang Van Hung**  
**President of Thai Nguyen University**