Keynote Speakers for ESAFS 2024

1. Prof. Ravi Naidu

Former Chair of the International Union of Soil Sciences Commission for Soil Degradation Control, Remediation and Reclamation

Professor Ravi Naidu is a Global leader in soil ontamination studies, studying agricultural and industrial impacts on the environment.

Professor Ravi Naidu is the Chief Executive Officer (CEO), Managing Director and Chief Scientist of the Cooperative Research Centre for Contamination Assessment and Remediation of the Environment (CRC CARE), Australia. Professor Naidu was also the Founding Director of the Centre for Environmental Risk Assessment and Remediation (CERAR), University of South Australia and and Global Innovation Chair and Director of the Global Centre for Environmental Remediation (GCER) at University of Newcastle (UoN), Australia.

Prof. Naidu's work focuses on the remediation of contaminated soil, water and air, and the potential impacts of contaminants upon environmental and human health at local, national and global levels. For more than two decades, Prof. Naidu has been a global leader in the move to the now widely accepted 'risk based' approach to managing contaminated sites. He has

also been a leader in the shift to in situ remediation – cleaning up contamination where it lies, rather than the traditional 'dig and dump' approach. Together, these approaches potentially save industry millions, if not billions, of dollars annually and make clean-up far more feasible and effective. Prof. Naidu received his PhD and DSc in environmental science from Massey University, New Zealand. He is an elected Fellow of the Soil Science Societies of America (2000) and New Zealand (2004), and the America Society of Agronomy (2006). In 2013 was elected a Fellow of the American Association for the Advancement of Science. He is Chair of the International Committee on Bioavailability and Risk Assessment, former Chair of the International Union of Soil Sciences Commission for Soil Degradation Control, Remediation and Reclamation (2002 -2010), and former President of the International Society on Trace Element Biogeochemistry (2005-2007). In 2016 Ravi was elected as a member of the European Academy of Sciences and Arts and in 2017 he was elected as a Fellow of the Royal Australian Chemical Institute, Fellow of the Royal Society of Chemistry, Fellow of the Australian Academy of Technological Sciences and Engineering, Foreign Fellow of the Indian Academy of Agricultural Science and a Foreign Fellow of the Royal Society of New Zealand. He has authored or co-authored over 750 journal articles and 80 technical publications as well as 11 patents, and co-edited 16 books and 118 book chapters in the field of soil and environmental sciences. He has also supervised over 50 PhD completions. Professor Naidu's publications have been cited more than 14,800 times (Google Scholar and Google h index 57) and i10 index of 265. In 2013, Professor Naidu received an honorary Doctorate of Science from Tamil Nadu Agricultural University for "outstanding contributions to agriculture", and won the Richard Pratt – Banksia CEO Award at the Banksia Sustainability Awards, recognising his contributions towards environmental sustainability.

Professor Ravi Naidu (MSc, PhD, DSc) has more than 25 years of experience in soil chemistry, bioavailability and bioaccessibility of contaminants in terrestrial and aquatic environments. He has global recognition in this field and currently is Chair of the International Committee on Bioavailability and is the past President of the International Society in Trace Element, Biogeochemistry and Commission on risk and reclamation of degraded land. He has supervised over 50 PhD students, 24 post docs and is author of more than 600 journal articles. His expertise will provide ACRE with

leadership and guidance on environmental issues affecting quality, safety and efficacy of cannabinoids, and bioavailability of different cannabinoids in humans based on the heavy metal contamination.

Laureate Professor Ravi Naidu
MSc (Aberdeen-USP), PhD (Massey), PhD (hc, TNAU), DSc (Massey), FSSSA, FSSSNZ, FASA, FAAAS, EASA, FRACI, FRSC, FFINAAS, FTSE, FFRSNZ, Cchem

Founding Director
CEO, Managing Director and Chief Scientist CRC CARE
Global Centre for Environmental Remediation (GCER)
College of Engineering Science and Environment
Chair UN FAO International Network on Soil Pollution (INSOP)
2022 Mahatma Gandhi Pravasi Bharatiya Samman Award and Medal
2023 European Geosciences Union Alina Kabata-Pendias Medal
Chair CleanUp Conference Series https://www.cleanupconference.com/
Web of Science Globally Highly Cited Researcher (2019-present)
https://clarivate.com/webofsciencegroup/
Co-Editor-in-Chief, *Environmental Technology & Innovation (2015 to 2022)*

Profile: https://www.newcastle.edu.au/profile/ravi-naidu
Linkedin: https://www.linkedin.com/in/ravi-naidu-648386154/
Google Scholar:
https://scholar.google.com.au/citations?user=teicPrYAAAAJ&hl=en
Research gate: https://www.researchgate.net/profile/Ravi-Naidu
Publications: https://www.newcastle.edu.au/profile/ravi-naidu#publications

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THE UNIVERSITY OF NEWCASTLE AUSTRALIA | THE WORLD NEEDS NEW

RECENT AWARD

2023

The 2023 Alina Kabata-Pendias Medal is awarded to Ravendra Naidu for outstanding research on developing better ways to assess, characterise risks of, and remediate contaminated soil, and the potential impacts of contaminants on environmental and human health.

https://www.egu.eu/awards-medals/alina-kabata-pendias/2023/ravendra-naidu/

2022

University of Newcastle scientist Professor Ravi Naidu receives prestigious global award for ground-breaking environmental research.

https://www.newcastle.edu.au/newsroom/featured/university-of-newcastle-scientist-professor-ravi-naidu-receives-prestigious-global-award-for-ground-breaking-environmental-research

Distinguished scientist Laureate Professor Ravi Naidu has been awarded the Pravasi Bharatiya Samman Award (PBSA), the highest honour conferred to a non-Indian resident or person of Indian Origin who has made significant contributions in their respective field.

SPEAKER in 2023

SPEAKERS in 18th International Conference on Environmental Science and Technology (CEST2023), 30 August to 2 September 2023, Athens, Greece

https://cest.gnest.org/persons/prof-ravi-naidu

2. Prof. Xiaoyuan Yan

Deputy Director of Institute of Soil Science, Chinese Academy of Sciencesb

Vice President and Secretary-General of Soil Science Society of China

The topic presentation of his expectation is "How to Achieve Carbon Neutrality in Staple Food Production in China".

Introduction:

Prof. Xiaoyuan Yan currently works at the Institute of Soil Science, Chinese Academy of Sciences, a professor of Soil Science and Environmental Science in the University of Chinese Academy of Sciences. He obtained his PhD from Chinese Academy of Sciences in 1998, and worked in Japan as a post doctor and research scientist for seven years, became a professor of the Institute of Soil Science, Chinse Academy of Sciences in 2006. Prof. Yan is a soil biogeochemist, works on carbon and nitrogen cycling, with special focus on mitigation of greenhouse gas emission and non-point source pollution. He has published more than 180 papers in international peer reviewed journals including Nature, Nature Food, Nature Geoscience, PNAS and etc.

https://www.webofscience.com/wos/author/record/623241
https://www.sciencedirect.com/author/7403596517/xiaoyuan-yan
https://www.researchgate.net/profile/Xiaoyuan-Yan

Educational background:

- PhD. 1995/7-1998/12, Institute of Soil Science, Chinese Academy of Sciences, soil science
- MsC. 1992/9-1995/6, Institute of Soil Science, Chinese Academy of Sciences, soil science
- BS. 1988/9-1992/7, Hunan Agricultural University, soil science and plant nutrition
-

Professional experience:

- 2006/3-present, Professor, Institute of Soil Science, Chinese Academy of Sciences
- 2001/3-2006/3, Researcher, Frontier Research Institute for Global Change, Japan
- 1999/3-2001/3, Postdoctoral fellow, Japan International Institute of Agricultural Sciences
- 1996/1-1996/8, Visiting scholar, The Queen's University of Belfast

Research achievement:

Prof. Xiaoyuan Yan's research focuses are impacts of human activities on soil nitrogen and carbon biogeochemistry cycle; greenhouse gas emission; atmospheric nitrogen deposition; assessment and controls on point and non-point nitrogen pollutions and environmental management. He has published more than 180 internationally peer reviewed journal papers, with more than 13500 citations and an H-index of 55 (web of science).

Academic societies:

- Vice chair of division 2 in International Union of Soil Sciences
- Vice chair and secretary general of Soil Science Society of China
- Member of International Science Council-China
- Member of the AGU-Technical Committee on Soil Systems and Critical Zone Processes
- Editor-in-chief of Soil (Chinese journal)
- Associate editor-in-chief of Biochar
- Member of the Editorial Board of the Soil Science and Plant Nutrition
- Member of the Editorial Board of Pedosphere

3. Prof. Steve Shirtliffe

Project Co-Lead, Crop Phenometrics Platform – Leveraging Field Phenomics tor Advancing Key Rotational Crops,

College of Agriculture and Bioresources
University of Saskatchewan, Canada

Expected Presentation of The keynote speaker about Precision Agriculture in Soil, Plant Nutrition and Fertilization.

Steve Shirtliffe is a Professor in the Department of Plant Sciences at the University of Saskatchewan. Prof. Shirtliffe's primary area of research is in field crop agronomy, about which he has been conducting field-based research for over 20 years, gaining extensive experience in small plot crop agronomy. His position involves teaching, research and outreach in the areas of agronomy and weed control. Prof. Shirtliffe's past and current research projects have focused on the ecology and control of volunteer canola, cereal and pulse and oilseed agronomy, non-herbicidal weed control and agronomic applications of unmanned aerial vehicles (UAVs) or drones.

Introduction

Steven Shirtliffe currently works at the Department of Plant Sciences, University of Saskatchewan. Steven does research in cultural weed control, volunteer canola, crop agronomy and aerial crop imaging and phenotyping. We currently have projects in all these areas.

https://www.researchgate.net/profile/Steven-Shirtliffe

Disciplines

- Agricultural Plant Science
- Agronomy
- Soil Science
- Remote Sensing

Skills and expertise

- Statistical Analysis
- Organic Farming
- Weed Control
- Crop Science
- Precision Agriculture
- UAV
- Remote Sensing
- Images

Research Area(s)

- Field crop agronomy
- Crop Phenotyping
- Crop Imaging
- Precision Agriculture
- Weed Science

Department

Plant Sciences

Education

- Ph.D., University of Manitoba
- M.Sc., University of Manitoba
- B.Sc., University of Manitoba

Selected Awards

University of Saskatchewan Provost's College of Agriculture and Bioresources Awards for Outstanding Teaching, 2011-12

College of Agriculture and Bioresources National Association of College Teachers of Agriculture Teaching Award, 2010

ASA Professor of the Year, 2008

Courses Taught

PLSC 375 Current Topics in Agronomy

PLSC 401 Sustainable Crop Production

PLSC 898 Plant Population Biology

4. Dr. Umakant Mishra

Principal Member of Technical Staff – Sandia National Laboratories, Livermore

Deputy Director – Lifecycle, Economics and Agronomy Division, Joint Bioenergy Institute

Adjunct Professor – Environmental Studies, University of California, Santa Cruz

Topic of presentation: Our Current Knowledge on the Storage and Fate of Global Soil Organic Carbon.

Biography:

Dr. Umakant Mishra currently works as a Principal Member of Technical staff at the Sandia National Laboratories, Livermore, California, USA. He also works as a Deputy Director at the Joint Bioenergy Institute, and as an Adjunct Professor at the University of California Santa Cruz. He obtained his PhD from the Ohio State University in 2009, and worked as a postdoctoral scholar at University of California Berkeley and Lawrence Berkeley National Laboratory. Dr. Mishra has served at various capacities in different scientific societies around the world. Currently, he serves as a Chair of the International Soil Science Award Committee of the Soil Science Society of America, and as an Associate Editor of the Soil Science Society of America Journal. Dr. Mishra received multiple awards for his outstanding scientific contributions, including the IUSS JEJU Award in 2022.

https://www.sandia.gov/bioscience-people/staff/umakant-mishra/
https://scholar.google.com/citations?user=z4bqZ50AAAAJ&hl=en
https://www.researchgate.net/profile/Umakant-Mishra-3

Research Achievement:

Dr. Umakant Mishra is a computational soil scientist, who studies land use and climate change impacts on soil properties and functions. Using field observations, remote sensing and environmental datasets, and geospatial and process-based modeling he quantifies anthropogenic and climatic impacts on the soil system. He has published studies on land use and climate change impacts on soil organic carbon, lifecycle analysis of bioenergy crops, spatial prediction of soil properties at regional and national scales, and benchmarking earth system model projections. Dr. Mishra has published more than 66 peer-reviewed papers including in Nature, Science Advances and PNAS.

Academic preparation:

Doctor of Philosophy, Soil Science Jan 06 – Jun 09

The Ohio State University, OH, USA.

Master of Science, Physical Land Resources — Sep 02 - Sep 04
Ghent University, Ghent, Belgium.

Bachelor of Science, Agriculture — Aug 94 – Jul 98
Tribhuwan University, Nepal.

Professional Experience:

Principal Member of Technical staff, — Oct 20 – present
Sandia National Laboratory, Livermore, CA, USA

Adjunct Professor, Environmental Studies — Jan 23 - present
University of California, Santa Cruz, CA, USA

Deputy Director, Lifecycle Economics and Agronomy Division — Oct 22 – present
Joint Bioenergy Institute, Emeryville, CA, USA

Scientific Lead, Life-Cycle and Technoeconomic Analysis — Oct 17 – Sep 22
Joint Bioenergy Institute, Emeryville, CA, USA

Geospatial Scientist, Environmental Science Division — Apr 15 – Sep 20
Argonne National Laboratory, IL, USA

Assistant Geospatial Scientist, Environmental Science Division — Jun 12 – Mar15
Argonne National Laboratory, IL, USA

Geological Postdoctoral Fellow — Aug 09 – May 12
Earth Sciences Division, Lawrence Berkeley National Laboratory, USA
Energy Biosciences Institute, University of California Berkeley, CA, USA

Assistant Agronomist — Dec 98 – Sep 02
Department of Agriculture, Nepal.

Professional Affiliations:

- Pedometrics, International Union of Soil Science since, 2004.
- Soil Science Society of America, since 2006.
- American Geophysical Union, since 2009.
- International Soil Carbon Network, since 2009.
- American Association for the Advancement of Science, since 2009.
- Permafrost Carbon Network, since 2011.
- International Soil Modeling Consortium, since 2017.
- United States Permafrost Association, since 2021.

5. Prof. Dang Van Minh

Prof. Dang Van Minh represented the Thai Nguyen University (TNU) as one of the main Keynote Speakers.

Former Deputy Director of Thai Nguyen University (TNU)
Founding member of the Institute for Agricultural and Rural Planning

Prof. Dang Van Minh has been working in Agriculture and Forestry university - Thai Nguyen University, Vietnam since 1983. He has worked in various field of education and management. He has done well on the university management and also on teaching and researching. His deep expertise focuses on soil science, with particular research on slopping agricultural land, soil quality and soil heavy metal treatment. He has published more than 100 papers in National and International Journals, 9 books and textbooks.
He has conducted a lot of works with GOs and NGOs project/programs in rural development, resources and environmental protection related to sustainable agriculture, food security and food safety. His has contributed excellent works on socio-economic development in the Northern Mountainous Region of Vietnam.

Expected Presentation of The keynote speaker about Soil Pollution in Minning.

Phone: 0912 334 310
Email: minhdv@tnu.edu.vn

Position:

Former Deputy Director of Thai Nguyen University (TNU)
Founding member of the Institute for Agricultural and Rural Planning Research

Research area:

Soil Science
Environment
Rural management and development

Curriculum Vitae

Professor Dr. DANG VAN MINH
University of Agriculture and Forestry - Thai Nguyen University (TNU)
Add. Quyet Thang Commune, Thai Nguyen City, Vietnam
Email:minhdv@tnu.edu.vn; dangminh08@gmail.com
Mobile (+84) 912 334 310
Fax (+84) 280 3852665

Education background:

- Bachelor of Agronomy (1982) at University of Agriculture No. 3, Vietnam.
- MSc. in Rural Development and Management (1995), Khon Kean University, Thailand
- PhD in Soil Science (2002) Department of Soil Science, University of Saskatchewan, Canada.

Other trainings:

- Post Graduate Diploma in Plant Protection. Central Plant Protection Training Institute, Hydrabad, India, 1993
- Data analysis for socio-economical study, IRRI, Philippines, 1997.
- Economic Environment. EEPSEA (Economic and Environmental Programs for South East Asia), Hochiminh city, 1996.
- Curriculum development for micro land use planing used participatory approach, Canada-Vietnam Training Project at Thai Nguyen University of Agriculture and Forestry, Vietnam. 2003

Teaching subject:

- General soil science
- Remediation of soil heavy metal
- Sustainable land use
- Environmental Impact Assessment
- Research Methodology of Science
- Project development and management

Research areas:

- Soil contamination from mining and use of bio-remediation method to restoration of contaminated soils.
- Soil contamination treatments using physio-chemical adsorption approach
- Sustainable land use and soil quality (focusing on slopping areas)
- Study native plant species as non-timber forest products

Membership in Professional Society

- Member of Vietnam Farming system network,
- Member of Vietnam Society of Environmental Economics
- Member of Vietnam Society of Soil Science,
- Member of Canadian Society of Soil Science,
- Member of International Soil and Water Conservation Society.

Professional Experiences

- Feb.2019 to now. Prof. of Thai Nguyen University-University of Agriculture and Forestry (TUAF)
- 2017- 2019: Vice - president of Thai Nguyen University (TNU), Vietnam
- 2015- 2017: Vice - president of TNU, Rector of TNU- University of Economic and Business Administration
- 2013 - 2015: Vice - president of TNU
- 2011-2013: Director of International Department, TNU
- 2009 - 2011: Dean of faculty of Resources and Environmental Faculty, TUAF.
- 2005 - 2009: Dean of Post graduate faculty, TUAF
- 2003 - 2005: Vice Dean, Resources and Environmental Faculty, TUAF.
- 1983-2003: Lecturer of Agronomy Faculty, TUAF.

Work experiences

Prof. Dang Van Minh has worked in various field of education and management. He has done well on the university management and also on teaching and researching. His deep expertise focuses on research on slopping agricultural soil quality and heavy metal contaminated soil. He has conducted a lot of works with GOs and NGOs project/programs in rural development, resources and environmental protection related to sustainable agriculture, food security and food safety. His has contributed excellent works on socio-economic development in the Northern Mountainous Region of Vietnam.

The most recent publications

(1) **Dang Van Minh**, Duong Thi Minh Hoa, Van Huu Tap, Mai Thi Lan Anh, Nguyen Nhat Hieu.2017. Study material sources to produce biochar and fly ash and its potential use to remediate heavy metal in contaminated soils after mining in Thai Nguyen province. Journal of Science and Technology. Thai Nguyen University Press. Vol 169(09)-2017

(2) P.R. NEUPANE, A. GAULI, T. MARASEN , D. KÜBLER , P. MUNDHENK , **M.V. DANG** and M. KÖHL. 2017: A segregated assessment of total carbon stocks by the mode of origin and ecological functions of forests: implication on restoration potential. International Forestry Review Vol.19(S4)/2017.

(3) **Dang Van Minh,** Van Huu Tap, Mai Thi Lan Anh, Duong Thi Minh Hoa. 2017. Heavy metal pollution in soils after mineral mining at the zinc and lead mine at Hich village, Dong Hy district, Thai Nguyen province. Vietnam Soil Science Journal Vol.51/2017

(4) **Dang Van Minh,** Van Huu Tap, Mai Thi Lan Anh, Hoang Trung Kien, Duong Thi Minh Hoa. 2017. Using flying ash and apatite to treat soil contaminated by heavy metals after mineral mining in Thai Nguyen province. Vietnam Soil Science Journal Voil.51/2017

(5) Dang Van Ton, Nguyen Van Toan, **Dang Van Minh**. 2017. Classification of soil suitable to growing orange in Ham Yen, Tuyen Quang province. Vietnam Soil Science Journal. Vol.50
(6) **Dang V.M**., Joseph S., Van H.T., Mai.T.L.A., Duong T.M.H., Weldon S., Munroe P., Mitchell D. & Taherymoosavi S. 2018. Immobilization of heavy metals in contaminated soil after mining activity by using biochar and other industrial by-products: the significant role of minerals on the biochar surface. Environmental Technology, DOI: 10.1080/0959330.2018.1468487.
(7) Hoang Huu Chien, Maho Tokuda, **Dang Van Minh**, Yumei Kang, Kozo Iwasaki & Sota Tanaka. 2018. Soil physicochemical properties in a high-quality tea production area of Thai Nguyen province in northern region, Vietnam. Soil Science and Plant Nutrition. ISSN: 0038-0768 (Print) 1747-0765 (Online) Journal homepage: http://www.tandfonline.com/loi/tssp20. Taylor and Francis.
(8) **Van Minh Dang**, Huu Tap Van, Hoa Thi Minh Duong, Duy Hai Nguyena, Huan-Ping Chao , Lan Huong Nguyen and Chu-Ching Lin. 2020. Evaluation of fly ash, apatite and rice straw derived-biochar in varying combinations for in situ remediation of soils contaminated with multiple heavy metals. Journal Soil Science and Plant Nutrition. https://doi.org/10.1080/00380768.2020.1725913. Taylor and Francis.
(9) Huu CHTEN, H., **VAN MINH, D**., IWASAKT, K. and Tarvara, S., 2020: Soil Morphological, Mineralogical and Chemical Characteristics of Tea Gardens with High-Quality Ieave Production in Thai Nguyen province, Vietnam. Pedologist, Japan. ISN 0031-4064 Vol.64, No. 1 (June 2O2O)
(10) **Van Minh Dang**, Huu Tap Van, Thi Bich Hanh Nguyen, Dinh Vinh Nguyen, Thị Tuyet Nguyen, Thi Ngoc Ha Tran, Trung Kien Hoang, Thị Pha Tran, Ha Luong Thanh Dam, Thi Minh Hoa Duong, Manh Nhuong Chu. 2020. Immobilization of exchangeable Chromium in a contaminated soil using natural zeolite as an effective adsorbent. Vietnam Journal of Science and Technology. 58 (5A) (2020).
(11) Hoàng Hải Hiếu, Trần Trung Kiên, **Đặng Văn Minh**. 2020. Effect of minimum tillage and soil mulching on growth and yield of corn variety VS71 in slopping land at Yen Bai province. Journal of Science and Technology. Thai Nguyen University Press. Journal of Science and Technology. Thai Nguyen University Press. Vol 134(04)-2015
(12) **Van Minh Dang**, Huu Van Tap, N.D. Vinh, Thi Minh Hoa Duong, Thi Bich Hanh Nguyen, Thi Tuyet Nguyen, Thi Ngoc Ha Tran, Trung Kien Hoang, Thi Pha Tran, Lan Huong Nguyen ang Manh Nhuong Chu. 2021. Enhance of exchangeable Cd and Pb immobilization in contaminated soil using Mg/Al LDH-Zeolite as effective absorbent. RSC advances. 2021.11.17007. https://doi.org/10.1039/D0RA10530A.
(13) Jin-Wei Zhang, Afifah Diyah Nur'aini, Yu-Chun Wang, Nguyen Duy Hai, **Dang Van Minh**, Huan-Ping Chao. 2022. Multiple pollutants removal by carbon sphare and layered double hydroxide composites: Adsorption behavior and mechanisms. Journal of Environmental Chemical Engineering.
(14) **Van Minh Dang**, Vinh Dinh Nguyen, Huu Tap Van, Van Quang Nguyen, Trong Nghia Nguyen & Long D. Nghiem. 2022. Removal of Cr(VI) and Pb(II) from aqueous solution using Mg/Al layered double hydroxides – mordenite composite. Separation Science and Technology. DOI: 10.1080/01496395.2022.2070500.

6. Assoc. Prof. Tran Minh Tien

Director of the Institute of Soils and Agrochemicals, Vietnam represented the Vietnam Soil Science Association as one of the main speakers.

Associate Professor, Tran Minh Tien planning present a presentation topic "Soil Health in Vietnam - Current Situation and Solutions".

Associate Professor, Dr. Tran Minh Tien was born in 27 September 1974. He has been working for the Soils and Fertilizers Institute since 1996 and holding the director position of the institute since 2020.
Dr Tien got his PhD degree in soil fertility and plant nutrition from the Copenhagen University in 2009. His main research subjects are soil fertility and plant nutrition. Dr Tien has been involved in 76 research projects (41 as project leader) since 1996, of which 6 projects are currently running. He has published 150 publications in peer-reviewed journals, scientific journals, chapters in books and proceedings.

Curriculum Vitae for Associate Professor Tran Minh Tien

September 2023

PERSONAL DATA

Full name, title: Tran Minh Tien, Associate Professor, PhD
Work address: Soils and Fertilizers Institute
Duc Thang Street - Duc Thang - Bac Tu Liem - Hanoi - Vietnam
Phone: +84 912 315 399
Email: tientm.sfri@mard.gov.vn or tranminhtien74@yahoo.com
Website: www.sfri.org.vn

EDUCATION

1996:	BSc. in Land Resource Management, Hanoi Agriculture University, Vietnam.
2002:	MSc. in Soil Sciences, Vietnam Academy of Agricultural Sciences, Vietnam.
2009:	PhD. in Soil Fertility and Plant Nutrition, University of Copenhagen, Denmark.

CURRENT APPOINTMENT

From November 2020: Director, Soils and Fertilizers Institute (SFI)

RESEARCH PORTFOLIO

From 1996-2005: Researcher at the Department of Soil Genesis and Classification (Soils and Fertilizers Institute - SFI), Deputy Head of the department (2004-2005). *From 2005-2006*: Deputy Head and Acting Head of the Central Analytical Laboratory (SFI). *From 2006-2009*: PhD student in Copenhagen University, Denmark. *From 2010 to July 2014*: Head Department of Soil Genesis and Classification (SFI). *From July 2014 to October 2020*: Deputy Director of SFI. *From October 2020 to present*: Director of SFI.

TMT has been involved in 76 research projects (41 as project leader) since 1997, of which 6 projects are currently running.

PUBLICATIONS RECORD

TMT has published 150 publications in peer-reviewed journals, scientific journals, chapters in books and proceedings.

Selected international publications (ISI journals):

1. Vu T.K.V, Tran M.T, Dang T.T.S (2007). A survey of manure management on pig farms in Northern Vietnam. Livestock Science 112, 288-297.
2. Tran M.T, Vu T.K.V, Sommer S.G, Jensen L.S (2011). Nitrogen turnover and loss during storage of slurry and composting of solid manure under typical Vietnamese farming conditions. Journal of Agricultural Science 149, 285-296.
3. Tien Minh Tran, Hien Huy Bui, Jesper Luxhoi, Lars Stoumann Jensen (2012). Application rate and composting method affect the immediate and residual manure fertilizer value in a maize-rice-rice-maize cropping sequence on a degraded soil in Northern Vietnam. Soil Science and Plant Nutrition 58, 206-223.
4. Quynh Duong Vu, Tien Minh Tran, Phuong Duy Nguyen, Cuong Chi Vu, Van Thi Khanh Vu and Lars Stoumann Jensen (2012). Effect of biogas technology on nutrient flows for small- and medium- scale pig farms in Vietnam. Nutrient Cycling in Agroecosystems 94, 1-13.
5. Tien Minh Tran, Jesper Luxhoi, Lars Stoumann Jensen (2013). Turnover of manure ^{15}N-labelled ammonium during composting and soil application as affected by lime and superphosphate addition. Soil Science Society of America Journal 77, 190-201.
6. Quynh Duong Vu, Andreas de Neergaard, Toan Duc Tran, Quan Quang Hoang, Proyuth Ly, Tien Minh Tran, Lars Stoumann Jensen (2015). Manure, biogas digestate and crop residue management affects methane gas emissions from paddy rice fields on Vietnamese small-holder livestock farms. Nutrient Cycling in Agroecosystems 103, 329-346.

7. Duc Anh Trinh, Thi Nguyet Minh Luu, Quan Hong Trinh, Hai Sy Tran, Tien Minh Tran, Thi Phuong Quynh Le, Thuy Thi Duong, Didier Orange, Jean Louis Janeau, Thomas Pommier, Emma Rochelle-Newall (2016). Impact of terrestrial runoff on organic matter, trophic state, and phytoplankton in a tropical, upland reservoir. Aquatic Sciences 78, 367-379.
8. Sougueh Cheik, Nicolas Bottinelli, Tien Tran Minh, Thu Thuy Doan, Pascal Jouquet (2019). Quantification of Three Dimensional Characteristics of Macrofauna Macropores and Their Effects on Soil Hydraulic Conductivity in Northern Vietnam. Frontiers in Environmental Science. 7:31, 1-10.
9. N. Bottinelli, M. Kaupenjohann, M. Marten, P. Jouquet, L. Soucemarianadin, F. Baudin, T.M. Tran, C. Rumpel (2020). Age matters: Fate of soil organic matter during ageing of earthworm casts produced by the anecic earthworm *Amynthas khami*. Soil Biology and Biochemistry 148.
10. C. Rumpel, V. Ann, H. Bahri, M. Calabi Floody, S. Cheik, T.T. Doan, A. Harit, J.L. Janeau, P. Jouquet, M.L. Mora, P. Podwojewski, T.M. Tran, Q.A. Ngo, P.L. Rossi, M. Sanaullah (2020). Research for development in the 21st century. Geoderma.
11. G. Le Mer, P. Jouquet, Y. Capowiez, J. Maeght, T.M. Tran, T.T. Doan, N. Bottinelli (2020). Age matters: Dynamics of earthworm casts and burrows produced by the anecic *Amynthas khami* and their effects on soil water infiltration. Geodema 382.
12. N. Bottinelli, J.L. Maeght, V.N. Tran Le, C. Boonchamni, T.T. Doan, T.M. Tran, H. Aroui Boukbida, L. Smaili, P. Jouquet (2020). To what extent do ageing and soil properties influence Amynthas khami cast properties? Evidence from a small watershed in northern Vietnam. Applied Soil Ecology 158.
13. N. Bottinelli, P. Jouquet, T.M. Tran, H. Aroui Boukbida, C. Rumpel (2020). Mid-infrared spectroscopy to trace biogeochemical changes of earthworm casts during ageing under field conditions. Geoderma 383.
14. Tien Tran Minh, Thu Tran Thi Minh, Thang Do Trong, Hien Phan Thuy, Binh Thi Nguyen, Paul J Milham (2020). Boron deficiency may be widespread in *Brassica oleracea var.capitata* L. in Lao Cai Province, North Western Vietnam. Communications in Soil Science and Plant Analysis, Vol. 51, No. 21, 2726-2734.
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