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The National INTENSE Doctoral School in Vietnam

ERASMUS+ project “INTEGRATED DOCTORAL PROGRAM FOR ENVIRONMENTAL
POLICY, MANAGEMENT AND TECHNOLOGY – INTENSE”

Web-sites: <http://intense.network>



The National INTENSE Doctoral School in Vietnam has been established on March 26, 2021 through an agreement on joint PhD training program signed by School of Environmental Science and Technology (INEST)-Hanoi University of Science and Technology (HUST) and Ho Chi Minh City University of Natural Resources and Environment (HCMUNRE)-Research Institute of Sustainable Development (RISD).

The national comprehensive doctoral program in environmental policy, management and technology

Objectives of the MOU:

- *To form a training model in the fields of Environmental Engineering and Natural Resources and Environmental Management (INTENSE school)*
- *To initiate a joint graduate training program, focusing on doctoral courses*
- *To collaborate in capacity building through training and doing scientific research*
- *To expand the network of INTENSE program*

Effect of MOU: 5 years from the signing date

The national comprehensive doctoral program in environmental policy, management and technology

Contents of the MOU

- Building and implementing cooperation model in the framework of the INTENSE school in doctoral training, based on the doctoral program in Environmental Engineering of INEST-HUST according to the regulations of the Ministry of Education and Training.
- Academic exchanging among graduate students (Ph.D. students) and lecturers of the two parties.
- Introducing co-supervisors/advisors for Ph.D. students.
- Establishing E-learning classrooms, equipping and sharing laboratory equipment to provide access for graduate and postgraduate students.
- Proposing, and implementing joint scientific research and training.
- Having joint publications of the scientific works of graduate students, and lecturers.
- Recognizing mutually the training results of graduate students in the framework of cooperation.
- Recommending scientists/experts for examination committees for doctoral dissertations.

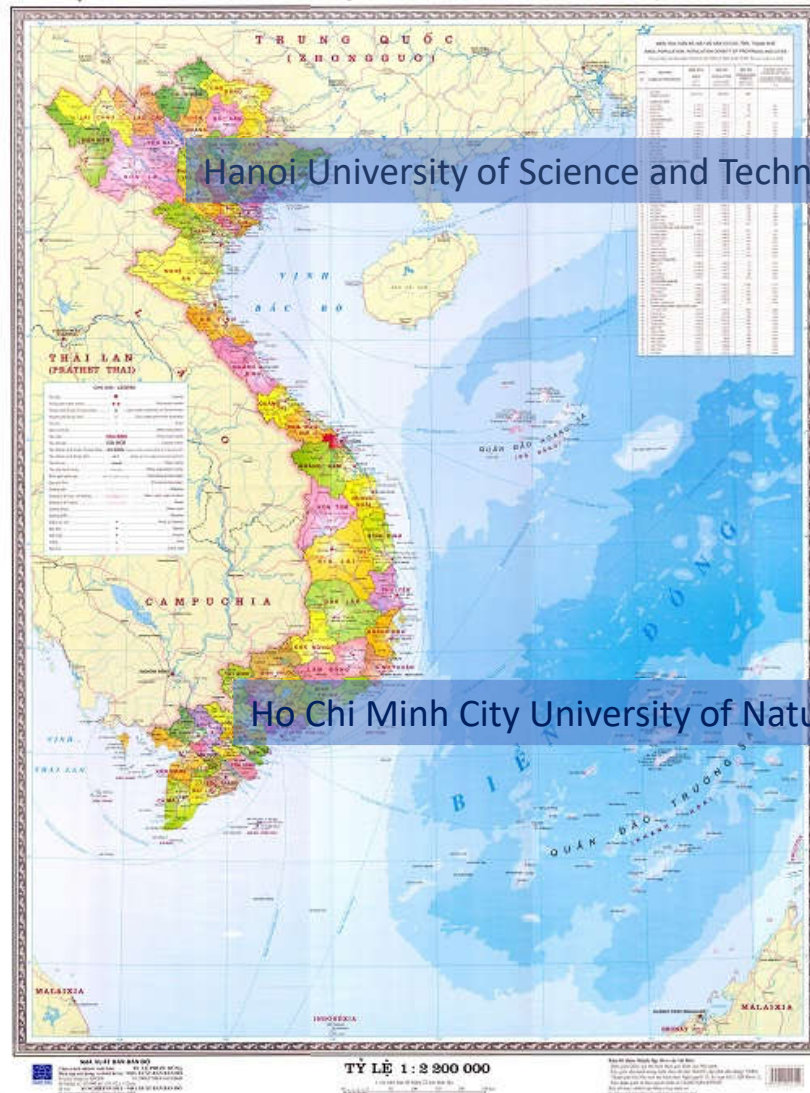
Two Vietnamese founding partners



CỘNG HÒA XÃ HỘI CHỦ NGHĨA VIỆT NAM

Hanoi University of Science and Technology

Ho Chi Minh City University of Natural Resources and Environment





HUST Introduction



Facts and figures

Established in 1956, HUST is the largest and most well-known technical university in Vietnam



1,097

Academic staff members
(69.7% PhD holders, 23.6% professors)



34,293

Full-time students, including

- 32,602 undergrads,
- 1,691 Master and PhD students)



16

Schools



10

Institutes and Research Centers



12

Key Laboratories



SCHOOL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY



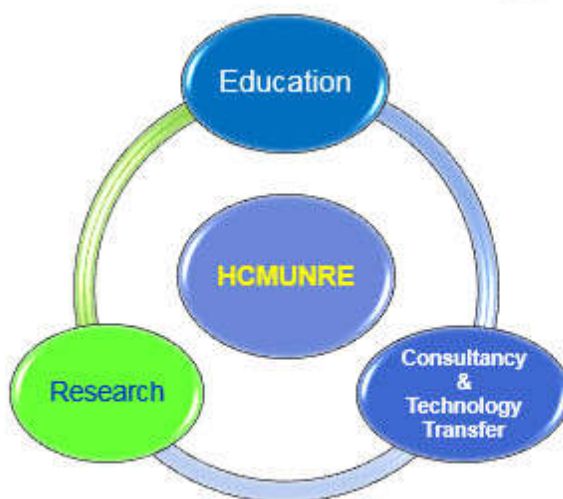


HCMUNRE Introduction

- HCMUNRE is a public university directly under **Ministry of Natural Resources and Environment**
- established by the Prime Minister in Decision 1430/QĐ-TTg dated 19 August 2011.



To become a **TOP University** in Vietnam for educating and training human resources in the fields of natural resources and environment as well as society management towards sustainable development.



Environment

- ✦ 01 Environment Lab (ISO/IEC 17025: 2005).
- ✦ 01 Water supply and drainage Lab.

General Sciences

- ✦ 01 Chemical Lab
- ✦ 01 Physic Lab

Meteo – Hydrology

- ✦ 02 Hydrological Stations
- ✦ 01 Meteorology Monitoring Garden
- ✦ 01 Automatic Meteorology Station
- ✦ 01 Hydrological and Meteorological Lab
- ✦ 01 Meteorology-Hydrological Forecast Lab

Geology

- ✦ 01 Mineralogy & Petrography Lab
- ✦ 01 Geo- Technique Lab

Informatics

- ✦ 04 Computer Labs

Meteo – Hydrology

- ✦ More than 200 practising equipment , i.e. GPS, Trimble 5700, GPS SR20, electronic total stations, electronic theodolites, optical theodolites, electronic levels, etc





HCMUNRE Introduction



Facts and Figures



Academic staff members: **368**

02 Professors, **10** Assoc. Professors

32 PhD (18%), Master (77%)



12 Faculties



Full-time students, including:

- **8,000** undergrads,

- **300** graduate students



3 Institutes and Research Centers



7 Key Laboratories;

7 Experimental and Practical Labs

4 Study Fields

INTENSE SCHOOL

PROJECT

EVENTS

RESULTS

CONFERENCES

LINKS

MEDIA

CONTACTS



ENGLISH



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The National INTENSE Doctoral School in Vietnam

<http://intense.network/intense-school/intense-vn/>

Potential supervisors for PhD candidates

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ERASMUS+ INTENSE

PhD supervisor



Nguyen Thi Anh Tuyet
Lecturer
School of Environmental Science and Technology
Hanoi University of Science and Technology
Hanoi, Vietnam

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ERASMUS+ INTENSE

PhD supervisor



Trung-Dung NGHIEM
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ERASMUS+ INTENSE

PhD supervisor



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ERASMUS+ INTENSE

PhD supervisor



Tran Thanh Chi
Lecturer
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ERASMUS+ INTENSE

PhD supervisor



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ERASMUS+ INTENSE

PhD supervisor



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ERASMUS+ INTENSE

PhD supervisor



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ERASMUS+ INTENSE

PhD supervisor



Ly Bich Thuy
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School of Environmental Science and Technology
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ERASMUS+ INTENSE

PhD supervisor



Doan Thi Thai Yen
Associate Professor
School of Environmental Science and Technology
Hanoi University of Science and Technology
Hanoi, Vietnam



Potential supervisors for PhD candidates



HO THI THANH VAN
Associate Professor
Ministry of Natural Resources and Environment
Ho Chi Minh City University of Natural Resources and Environment



Language(s): English, Vietnamese
Contact: Department of R&D and External Relations
Phone: 84913603994 **E-mail:** htvvan@hcmunre.edu.vn

Potential areas for PhD supervision:

- ~ Renewable energy
- ~ Environmental Engineering
- ~ Waste management

Supervising experience:

2 PhD students
11 Master students



HOANG THI THANH THUY
Associate Professor
Ministry of Natural Resources and Environment
Ho Chi Minh City University of Natural Resources and Environment



Language(s): English, German, Vietnamese
Contact: Geology and Mineral Resources Faculty
Phone: 84983029127 **E-mail:** htthuy@hcmunre.edu.vn

Potential areas for PhD supervision:

- ~ Environmental Geochemistry
- ~ Sustainable Mining students

Supervising experience:

8 Msc students
1 PhD student, 4 Master students



LE HOANG NGHIEM
Associate Professor
Ministry of Natural Resources and Environment
Ho Chi Minh City University of Natural Resources and Environment



Language(s): English, Vietnamese
Contact: Academic Affairs Department, HCMUNRE
Phone: 84937060645 **E-mail:** hoangnghiem@hcmunre.edu.vn

Potential areas for PhD supervision:

- ~ Wastewater treatment
- ~ Environmental management and technology
- ~ Waste treatment technology

Supervising experience:

1 PhD students
13 Master students
5 Master students



NGUYEN THI VAN HA
Associate Professor
Ministry of Natural Resources and Environment
Ho Chi Minh City University of Natural Resources and Environment



Language(s): English, Vietnamese
Contact: Faculty of Environment, HCMUNRE
Phone: 84918134662 **E-mail:** ntvha@hcmunre.edu.vn

Potential areas for PhD supervision:

- ~ Water treatment
- ~ Environmental management and technology
- ~ Renewable energy

Supervising experience:

01 PhD student (on-going)
21 Master students
4 Master students



NGUYEN DINH TUAN
Associate Professor
Ministry of Natural Resources and Environment
HCM City University of Natural Resources and Environment



Language(s): English, Russian, Vietnamese
Contact: Faculty of Environment
Phone: 84903803120 **E-mail:** ndtuan@hcmunre.edu.vn

Potential areas for PhD supervision:

- ~ Environmental management & technology
- ~ Environmental management & technology,
- ~ Water and Air Pollution control

Supervising experience:

3 PhD students
>200 Master students



VU XUAN CUONG
Associate Professor
Ministry of Natural Resources and Environment
Ho Chi Minh City University of Natural Resources and Environment



Language(s): English, Russian, Vietnamese
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Phone: 84903381813 **E-mail:** vxcuong@hcmunre.edu.vn

Potential areas for PhD supervision:

- ~ GIS application in management, monitoring Natural Resources and Environment (NRE);
- ~ Automated map generalisation, multiscale database modeling and technological proposals for establishing Spatial Data Infrastructure (SDI).

Supervising experience:

3 PhD students
over 30 Master students.



PHAN DINH TUAN
Professor
Ministry of Natural Resources and Environment
Ho Chi Minh City University of Natural Resources and Environment



Language(s): English, Russian, German, Vietnamese
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Potential areas for PhD supervision:

- ~ Chemical and Environmental Engineering
- ~ Mineral beach sand technology
- ~ Inorganic Materials and Nano Technology
- ~ Waste management and Recycle technology

Supervising experience:

6 PhD students
1 PhD student, 8 Master students
2 PhD students, 10 Master students
1 PhD student, 5 Master students

Potential Candidates for PhD Programme



NGUYEN THANH NGAN

Master of Engineering
Ministry of Natural Resources and Environment
Ho Chi Minh City University of Natural Resources and Environment



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NGUYEN THI HONG

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