

# CURRICULUM VITAE

## Personal information

Full Name: Nguyen Thi Ha  
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## Education

<b>Doctor of philosophy in Earth Sciences and Environmental Engineering</b>	South Korea
Gwangju Institute of Science and Technology (GIST)	Feb, 2021
<b>Master of Science in Earth Sciences and Environmental Engineering</b>	South Korea
Gwangju Institute of Science and Technology (GIST)	Feb, 2018
<b>Bachelor of Engineering (Environmental Management and Technology)</b>	Ho Chi Minh, Vietnam
Ho Chi Minh City University of Technology	April, 2013

## Certificate and Awards

<b>The BK21 PLUS program</b>	South Korea
School of Earth Sciences and Environmental Engineering of Gwangju Institute Science and Technology funded by the National Research Foundation of Korea (NRF) for abroad internship program (Host university: University of California San Diego)	Jan, 2020

<b>The Research Assistant (RA) Scholarship</b>	South Korea
School of Earth Sciences and Environmental Engineering. Gwangju Institute Science and Technology	Dec, 2019
<b>The Grand Prize in the Urban Environment and the Excellent Award at the 8<sup>th</sup> Advanced Science and Technology (EDISON) Software Contest</b>	South Korea
KT Human Resource Development Center	Jan, 2019
<b>Certificate of Scholarship by the Korean Government Scholarship for Ph.D Program</b>	South Korea
Gwangju Institute Science and Technology	March, 2018
<b>Certificate of Scholarship by the Korean Government Scholarship for Master Program</b>	South Korea
Gwangju Institute Science and Technology	March, 2015
<b>Specialist ISO 9001 – 14001 – UHSAS 18001</b>	Vietnam
Management Quality Institute (MQI)	April, 2014
<b>Certificate of Completion Internship Program of UNU-GIST Joint Programme on Science and Technology for Sustainability</b>	South Korea
Gwangju Institute Science and Technology	Feb, 2013
<b>The 2<sup>nd</sup> 2011 Consume Green Product Campaign</b>	Vietnam,
Sai Gon Giai Phong Newspaper	2011
<b>Certificate of Green Summer Campaign 2010</b>	Vietnam,
People’s Committee of Ward 5, Tan Binh district in Vietnam.	2010

### Research Experiences

#### **Soil Environment Laboratory, Gwangju Institute of Science and Technology (GIST).**

- Research assistant (Ph.D student):
  - ✓ Contamination and health risk assessment of arsenic and heavy metals in soil, vegetable and rice in the vicinity of mine.

South Korea  
2018-2021

- ✓ Limiting the level of arsenic and cadmium in rice grain  
(*Oryza sativa*)
  - Research assistant (Master student): 2015-2017
    - ✓ Contamination assessment of heavy metals in soil in mining area
    - ✓ Effects of ocean acidification on methylmercury availability to marine diatom
- Stockholm Environment Institute and Institute of Strategy and Policy on Natural Resources and Environment Vietnam.** Ha Long, Vietnam, 2013
- Training course on Green Plan in Action of Vietnamese Business
- International Environmental Research Center, GIST** South Korea
- Research topic: Differentiating about host sources of *E-coli* in Ho Chi Minh City. August 2012 – February 2013
- Ho Chi Minh city Environmental Protection Agency.** Vietnam
- Research topic: Monitoring Pollution of Channel and River in Ho Chi Minh city in 2010-2011. July-August 2012
- Ho Chi Minh City University of Technology** Vietnam
- Research topic: Design equipment for air collection and filtration along the street (especially regional traffic light intersection). The Student-Research Award in 2010 - 2011 (ranked 6th of more than 200 applicants). 2008-2012
  - Project title: Management of sludge from septic tank
  - Research topic: Identify the relationship of generic *Escherichia Coli* from animal's feces and human feces in order to evaluate water canals contamination in Ho Chi Minh City, Vietnam.

## Work Experiences

<b>Vinacomin - Environmental Company Limited, Vietnam National Coal – Mineral Industries Holding Corporation Limited (Vinacomin)</b>	Vietnam 2013 – Feb 2015
<ul style="list-style-type: none"><li>▪ Monitored and managed waste water treatment plants (WTP) and mine waste dump.</li><li>▪ Visited waste water treatment plant and hazardous treatment plant</li><li>▪ Managed all of the environmental monitoring reports from waste water treatment plants</li><li>▪ Exchanged information of environmental regulations related to waste water treatment</li><li>▪ Involved in environmental protection projects as project supervisor such as:<ul style="list-style-type: none"><li>✓ Treatment of Coal Mine Drainage of Trang Khe area, Vietnam;</li><li>✓ VIETNAM – JAPAN Joint Research Project for Making A Plan Off Clean Coal Town (between Vinacomin and Japan Coal Energy Center)</li><li>✓ The Joint Research project to Reduce Environmental Load for Sustainable Coal Mining Development (between Vinacomin and Japan oil, gas and metals national corporation (JOGMEC)). Detailed the greening mine waste dump.</li></ul></li></ul>	
<b>Internship Student – International Environmental Research Center (IERC), South Korea</b>	South Korea, Aug 2012 – Feb 2013
<ul style="list-style-type: none"><li>▪ Experimental research on differentiating about the host sources of <i>E-coli</i> in Ho Chi Minh City</li></ul>	

## Conferences

- The 18<sup>th</sup> International Conference of the Pacific Basin Consortium for Environment and Health - *Assessing and Mitigating Environmental Exposure in Early Life*. 16-19 September 2019, Kyoto, Japan. (Student presentation)

- The Geological Science & Technology of Korea. 16-19<sup>th</sup> April 2019, Jeju, South Korea (Oral and poster).
- 2019 UMS-GIST Joint symposium on Environmental Sustainability. 15-16 January 2019, GIST, Gwangju, South Korea (Oral)
- 2017 UMS-GIST symposium on the Sustainable Environment. 15-18 October 2017, Seoul, Korea.
- The 2015 IUPAC 48<sup>th</sup> General Assembly and 45<sup>th</sup> World Chemistry Congress (IUPAC-2015) hosted by the Korean Chemical Society. 9-14 August 2015, Busan, South Korea.
- The 12<sup>th</sup> International Conference on Mercury as a Global Pollutant" (12<sup>th</sup> ICMGP). 14-19 June 2015, Jeju, South Korea.

## Publications

### Journal Articles (Printed, Accepted, or Accepted with revision)

#### List of publications

- 1** Nguyen, T.H., Hoang, H.N.T., Bien, N.Q., Le, H.T., Kim, K.W. Contamination of heavy metals in paddy soil in the vicinity of Nui Phao multi-metal mine, North Vietnam. *Environ Geochem Health* (2020). <https://doi.org/10.1007/s10653-020-00611-5> (SCIE, Q1, IF: 4.609)
- 2** Ha, N.T.H., Nguyen, T.H., Nga, T.T.H., Minh, N.N., Anh, B.T.K., Hang, N.T.A., Duc, N.A., Nhuan, M.T., Kim, K.W. (2019) Uptake of arsenic and heavy metals by native plants growing near Nui Phao multi-metal mine, northern Vietnam. *Appl. Geochem.*, **108**, 104368. (SCIE, Q1, IF: 3.524)
- 3** Ko, M., Nguyen, T.H., Kim, Y.G., Linh, B.M., Penradee, C, Ha, N.T.H., Nguyen, T.A.H., Nguyen, Q.B, Nguyen, V.A., Kim, K.W. Assessment and source identification of As and Cd contamination in soil and plants in the vicinity of the Nui Phao Mine, Vietnam. *Environ Geochem Health* (2020). <https://doi.org/10.1007/s10653-020-00631-1>. (SCIE, Q1, IF: 4.609)

## References

1. Prof. Kyoung-Woong Kim. School of Earth Sciences and Environmental Engineering, Gwangju Institute of Science and Technology Gwangju 61005, Korea. Tel: 82-62-715-2442, (Fax) 82-62-715-2434, e-mail: [kwkim@gist.ac.kr](mailto:kwkim@gist.ac.kr)
2. Assoc. Prof. Dr. Nguyen Thi Van Ha. Dean of Faculty of Environment. Ho Chi Minh City University of Natural Resources and Environment. 236 Le Van Sy, P.1, Tan Binh District, Ho Chi Minh City. Tel: 84-083-9914-219, (C.P) 84-918-134-662, e-mail: [ntvha2003@gmail.com](mailto:ntvha2003@gmail.com)
3. Mrs. Nguyen Thi Thu Huong. Deputy Head of Division of Environmental Technology Office, Vinacomin – Environment Company Limited. 4 Tran Phu Str, Cam Thuy Ward, Cam Pha city, Quang Ninh province. C.P: 84-983-122-286, e-mail: [nguyenhuong2910@gmail.com](mailto:nguyenhuong2910@gmail.com)
4. Assoc. Prof. Dr. Nguyen Thi Hoang Ha. Faculty of Geology VNU University of Science, Ha noi. 334 Nguyen Trai street, Thanh Xuan district, Ha Noi, Vietnam. Tel: 84-4-3558-7060, (C.P) 84-968-046-008, e-mail: [hoanghantvnu@gmail.com](mailto:hoanghantvnu@gmail.com)