

Staff Handbook - Vo Thanh Hang

Name (Họ và Tên)	Vo Thanh Hang		
Post (Ví trí)	<i>Lecturer (responsible for courses: Water Resources Management)</i>		
Academic career (Quá trình đào tạo)	<i>Lecturer</i>	<i>HCMUT-VNU HCM</i>	<i>2012</i>
	<i>Habilitation [German post-doctoral qualification]</i>	<i>NA</i>	<i>NA</i>
	<i>Doctorate (Environmental engineering)</i>	<i>Kyungpook National University (Korea)</i>	<i>2012</i>
	<i>Master's degree (Environmental science)</i>	<i>University of Science-VNU HCM</i>	<i>2006</i>
	<i>Bachelor's degree (Environmental management)</i>	<i>HCMUT-VNU HCM</i>	<i>2003</i>
Employment (Nghề nghiệp)	<i>Lecturer</i>	<i>Hochiminh City University of Technology</i>	<i>October. 2012-present</i>
Research and development projects over the last 5 years (Thành tích dự án và nghiên cứu trong năm gần)	<ol style="list-style-type: none"> 1. Application of SewagePlus technology for wastewater treatment in Vietnam” between Antwerp Researcher on “Applications of Advanced Oxidation Processes (AOPs) for wastewater treatment after biological treatment” by Ho Chi Minh City University of Technology (HCMUT). Project VLIR – UOS (2014-2016). 2. Vulnerability and Adaptation to Climate Change for Water Resources Management in Coastal Cities of Southeast Asia. International Climate Initiative Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU), Asian Technology University (AIT) and Ho Chi Minh City University of Technology (2012-2015). 3. Application of membrane bioreactor coupling with advanced oxidation process treating anti-biotics in hospital. NAFOSTED – Ministry of Science and Technology (2015-2017). 4. Project Undergraduate Research Initiative (URI). USAID & Dow Vietnam STEM Program, Arizona State University, USA (2019-2021). 5. Development of membrane bioreactor coupling with salt tolerant microorganism treating saline wastewater (VNU-HCM; 2020 – 2021). 		

	<ol style="list-style-type: none"> 6. Engineering projects in community service (EPIC4). USAID & Dow Vietnam STEM Program, Arizona State University, USA (2020-2021). 7. Utilization of alum sludge for heterogenous Fenton process in textile. HCMUT (2020-2021). 8. Development of membrane photobioreactor using micro-algae and micro-organisms for wastewater treatment. HCMUT (2021-2026). 9. Green waste management new education system for recycling and environmental protection in Asia. ERAMUS project (2020-2024). 10. Engineering projects in community service (EPIC4). USAID & Dow Vietnam STEM Program, Arizona State University, USA (2021-2022). 				
Industry collaborations over the last 5 years (Hợp tác với doanh nghiệp)	<ol style="list-style-type: none"> 1. Seoul Initiative Network on Green Growth (SINGG). 2. Water, Engineering and Development Centre (WEDEC) at Loughborough University, England. 3. Korea National Institute of Environmental Human Resources Development (EHRD)_ Korea. 4. Korea Environmental Industry and Technology Institute. 5. The Vietnam – Korea Expert & Intellectual Association – VKEIA. 6. Journal of Environmental Chemical Engineering 7. Building University-Industry Learning and Development through Innovation and Technology. USAID & Dow Vietnam STEM Program, Arizona State University, USA. 				
Patents and proprietary rights (Sở hữu trí tuệ)	<table border="0"> <thead> <tr> <th style="text-align: left;"><i>Title</i></th> <th style="text-align: left;"><i>Year</i></th> </tr> </thead> <tbody> <tr> <td><i>Extract form Crotalaria Assamica Benth see</i></td> <td><i>2020 (on proceeding)</i></td> </tr> </tbody> </table>	<i>Title</i>	<i>Year</i>	<i>Extract form Crotalaria Assamica Benth see</i>	<i>2020 (on proceeding)</i>
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<i>Extract form Crotalaria Assamica Benth see</i>	<i>2020 (on proceeding)</i>				
Important publications over the last 5 years (Bài Báo nổi bật trong 5 năm gần)	<ol style="list-style-type: none"> 1. Nguyen Phuoc Dan, Vo Thanh Hang, Dinh Quoc Tuc, Natasha Hazarika and Vilas Nitivattanano. Vulnerability and adaptation to climate change of Ben Tre city, Vietnam. Regional Forum on Climate Change (RFCC). 2015. 2. Son Minh Tran, Hang Thanh Vo, Lam Uy Tran Huynh, Kiet Quoc Tran, Dan Cong Bach, Linh Hoang Nguyen. Lab-scale study on co-digestion of kitchen waste, sludge and sewage. Science and Technology Development Journal (STDJ), Vietnam National University – Ho Chi Minh City (VNU-HCM). 2016. 				

	<ol style="list-style-type: none"> 3. Hang Thanh Vo, Mai Thanh Thuy, Bui Thi Kieu Oanh, Nguyen Phuoc Dan, Dinh Quoc Tuc, Natasha Hazarika and Vilas Nitivattanano. Assessing the impact of climate change to water supply in Hoi An City, Quang Nam Province, Vietnam. Development for Sustainable Global Environment and Water Resources. The 7th WRE-THAI, 4th EIT-WRE and 9th AUN/SEED-Net. 2017. 4. Vo Thanh Hang, Pham Thi Kim Tuyen. The current situation of pesticide waste management in agriculture in Long An Province, Vietnam. Science and Technology Development Journal (STDJ), Vietnam National University – Ho Chi Minh City (VNU-HCM). 2019. 5. Vo Thanh Hang, Nguyen Thi Phuong Vy. Developing solar energy in household scale at Tan Binh District, Ho Chi Minh City, Vietnam. IOP Conference Series: Earth and Environmental Science. 2021.
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Activities in specialist bodies over the last 5 years (Hoạt động cá nhân đặc trưng trong 5 năm gần)	<i>Organisation</i>	<i>Role</i>	Period
	1. Seoul Initiative Network on Green Growth (SINGG).	<i>Member</i>	2007 until now
	2. Korea National Institute of Environmental Human Resources Development (EHRD)_ Korea	<i>Member</i>	2009 until now
	3. Korea National Institute of Environmental Human Resources Development (EHRD)_ Korea.	<i>Member</i>	2009 until now
	4. Korea Environmental Industry and Technology Institute.	<i>Member</i>	2009 until now
	5. Water, Engineering and Development Centre (WEDEC) at Loughborough University, England	<i>Member</i>	2016 until now
	6. The Vietnam – Korea Expert & Intellectual Association – VKEIA.	<i>Commitee member</i>	2020 until now
	7. Building University-Industry Learning and Development through Innovation and	<i>Coordinator/ Mentor of URI, EPIC project</i>	2019 until now

	<p>Technology. USAID & Dow Vietnam STEM Program, Arizona State University, USA.</p> <p>8. Bach Khoa Green Innovation Club, HCMUT</p> <p style="text-align: center;"><i>President</i></p> <p style="text-align: right;">2020 until now</p>
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