



## SCIENTIFIC CURRICULUM VITAE

### 1. Personal information

Full name	Nguyễn Duy Đạt	Year of birth	
Academic title	Dr	Sex	Male
Administrative position	Lecturer		
Department	Department of Environmental Technology		
Institution	HCMC University of Technology and Education		
Address	01-03 Vo Van Ngan Str., Thu Duc Dist.	City/prov.	Ho Chi Minh
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### 2. Qualifications

Years	Academic institutions	Major/ Specialty	Academic degree
2015-2019	National Central University	Environmental Engineering	Ph.D
2012-2014	HCMC University of Technology	Environmental Technology	Master of Engineering
2006-2011	University of Technology and Education, HCM City	Environmental Technology	Bachelor

### 3. Professional experience

Years	Institutions	Professional address	Position
09/2019- now	Faculty of Chemical and Food Technology - HCMC University of Technology and Education	01-03 Vo Van Ngan Str., Thu Duc Dist, HCM City.	Technical staff
2014 - 2015	Faculty of Chemical and Food Technology - HCMC University of Technology and Education	01-03 Vo Van Ngan Str., Thu Duc Dist, HCM City.	Teaching assistant
2011-2014	Center for Environmental Engineering and Technology-HCMC University of Technology and Education	01-03 Vo Van Ngan Str., Thu Duc Dist, HCM City.	Lecturer

### 4. Language (rating: A- Poor/ deficient; B- Fair; C- Sufficient; D- Fluent)

Language	Reading	Writing	Listening	Speaking
English	D	D	C	C
Other language				

### 5. Expertise and research interests

#### 5.1. Main research orientation.

- Removal of N and P in wastewater;
- Assessment of occurrence, distribution of persistent organic pollutants (POPs) in environmental matrix;
- Control of POPs emission from typical sources;
- Assessment on the human health impact of POPs;
- Removal of water pollutants using innovative materials.

#### 5.2. List of research projects

No.	Project name	Funding institution & funded amount	Project duration	Position/role in the project
1	Development of analytical method for PCNs	Taiwan National Institute for Environmental	03/2017-12/2018	principal member

		Analysis (NIEA)		
2	Investigation of concentration and distribution of Chlorinated Naphthalenes and Short-Chain Chlorinated Paraffins in ambient air and typical sources	Ministry of Science and Technology, Taiwan	08/2016-08/2019	principal member
3	Investigation of levels, distributions, sources and preliminary risk assessment of polychlorinated naphthalenes (PCNs) and polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbon (PAHs) in ambient air of Ho Chi Minh City	Ministry of Science and Technology, Vietnam (NAFOSTED)	09/2019-09/2022	Co-PI

### 5.3. Publications and accomplishments

No.	Publications	Authors	Name of publishers	ISSN	Year	Note
<b>1</b>	<b>Article(s) in ISI-covered journals</b>					
1.1	Characterization of PCN emission and removal from secondary copper metallurgical processes	Nguyen Duy Dat, Yong Ji Huang, Moo Been Chang	Environmental Pollution/Elsevier	0269-7491	2020	
1.2	Characteristics of PCDD/Fs in soil and sediment samples collected from A-So former airbase in Central Vietnam	Le Thi Hai Le, Nguyen Duy Dat, Nguyen Hung Minh, Kim-Anh Nguyen	Science of the Total Environment/Elsevier	0048-9697	2019	Co-corresponding author
1.3	Measurement of PCNs in sediments	Nguyen-Duy Dat, Kai-Siang	Ecotoxicology and	0147-		

	collected from reservoir and river in northern Taiwan	Chang, Chung Ping Wu, Yuan-Jeng Chen, Ching-Lan Tsai, Kai Hsien Chi, Moo-Been Chang	Environmental Safety/ Elsevier	6513		
1.4	Characteristics of Fine Particulate Matter and Polycyclic Aromatic Hydrocarbons 2 Emitted from Coal Combustion Processes	Chia Ming Lyu, Nguyen Duy Dat, Chian Kou Lien, Kai Hsien Chi, Moo Been Chang	Energy & Fuels/ACS/Washington, DC	1520-5029	2018	
1.5	Characteristics of atmospheric polychlorinated naphthalenes (PCNs) collected at different sites in northern Taiwan	Nguyen-Duy Dat, Kai-Siang Chang, Moo-Been Chang	Environmental Pollution/Elsevier	0269-7491	2018	
1.6	Variation of atmospheric PAHs in northern Taiwan during winter and summer seasons.	Nguyen-Duy Dat, Chia-Ming Lyu, Moo-Been Chang	Aerosol and Air Quality Research	2071-1409	2018	
1.7	PCDD/Fs and dl-PCBs concentrations in water samples of Taiwan	Duy-Dat Nguyen, Ching-Lan Tsai, Yuan-Cheng Hsu, Yuan-Wu Chen, Ying-Ming Weng, Moo Been Chang	Chemosphere/Elsevier	0045-6535	2017	

1.8	Review on characteristics of PAHs in atmosphere, anthropogenic sources and control technologies.	Nguyen-Duy Dat, Moo Been Chang	Science of the Total Environment/Elsevier	0048-9697		
1.9	Performance and membrane fouling of two types of laboratory-scale submerged membrane bioreactors for hospital wastewater treatment at low flux condition	Thanh-Tin Nguyen, Xuan-Thanh Bui, Thi-Dieu-Hien Vo, Duy-Dat Nguyen, Phuoc-Dan Nguyen, Hong-Lan-Chi Do, Huu-Hao Ngo, Wenshan Guo	Separation and Purification Technology/Elsevier	1383-5866	2016	
2	<b>Article(s) in other international journals</b>					
3.	<b>National/International Conference(s)</b>					
3.1	Characteristics of PCDD/Fs in soil and sediment samples collected at a former airbase in central Vietnam	Le Thi Hai Le, Nguyen Duy Dat, Nguyen Hung Minh, Nguyen Kim Anh	39th International Symposium on Halogenated Persistent Pollutants – DIOXIN2019 (Kyoto, Japan)		2019	Presenter
3.2	Reducing polychlorinated naphthalenes (PCNs) emission from municipal waste incinerator and secondary copper smelting plant	Nguyen Duy Dat, Yong Ji Huang, Moo Been Chang	39th International Symposium on Halogenated Persistent Pollutants – DIOXIN2019 (Kyoto, Japan)		2019	Presenter
3.3	Characteristics of	Nguyen Duy	39th International		2019	Presenter

	ambient PAHs collected in ho chi minh city, Vietnam	Dat, Ngo Thi Thuan, Hoang Thi Tuyet Nhung, Moo Been Chang	Symposium on Halogenated Persistent Pollutants – DIOXIN2019 (Kyoto, Japan)			
3.3	Characteristics of polychlorinated naphthalenes (PCNs) associated with ambient-air particles and fly ash collected from existing APCDs in Taiwan	Nguyen-Duy Dat, Yong-Chi Huang, Wei-Chun Wang, Jia-Ming Luy, Moo-Been Chang	38th International Symposium on Halogenated Persistent Pollutants – DIOXIN2018		2018	Presenter
3.4	Reducing of polychlorinated naphthalenes (PCNs) emission from municipal waste incinerator	Nguyen-Duy Dat, Chian-Gou Lien, Jia-Ming Lyu, Yong-Ji Huang, Wei-Chun Wang, Moo-Been Chang	38th International Symposium on Halogenated Persistent Pollutants – DIOXIN2018		2018	Presenter
3.5	Removal of polychlorinated naphthalenes (PCNs) emission from municipal waste incinerators	Nguyen-Duy Dat, Moo-Been Chang	International Conference on Aerosol Science & Technology		2018	Presenter
3.6	Concentration, distribution, source and gas/particle partitioning of atmospheric PCNs in urban, rural and industrial sites of northern Taiwan	Nguyen-Duy Dat, Moo-Been Chang	International Conference on Aerosol Science & Technology		2017	Presenter
4	<b>Article(s) in national scientific journals</b>					

<b>5.</b>	<b>Others (monographs, patents, scientific awards...)</b>					
5.1	The third prize in International Conference on Aerosol Science & Technology for Student Paper Competition. 2017, Taichung, Taiwan.				2017	
5.2	NCU Presidential Scholarship for Ph.D. students with excellent performance on doing research (2018).				2018	
5.3	The best 2019 research paper award of Taiwan Association for Aerosol Research for the paper: Variation of Atmospheric PAHs in Northern Taiwan during winter and summer seasons.				2019	

*February 27, 2020*

**Nguyen Duy Dat, Ph.D**