

## Staff Handbook -Nguyen Nhat Huy

Name ( Họ và Tên)	Nguyen Nhat Huy		
Post ( Ví trí)	<i>Lecturer in Environmental Engineering, Environmental Management and Technology</i>		
Academic career ( Quá trình đào tạo)	<i>PhD. in Environmental Engineering</i>	<i>National Chiao Tung University, Taiwan</i>	<i>2015</i>
	<i>Bachelor of Environmental Engineering</i>	<i>Ho Chi Minh City University of Technology (HCMUT), VNU-HCM</i>	<i>2006</i>
Employment ( Nghề nghiệp)	<i>Associate Professor</i>	<i>HCMUT</i>	<i>2021 - now</i>
	<i>Lecturer</i>	<i>HCMUT</i>	<i>2008 - 2020</i>
	<i>Environmental Engineer</i>	<i>Branch of National Institute of Occupational Safety and Health in the Southern Vietnam</i>	<i>2006 - 2008</i>
Research and development projects over the last 5 years ( Thành tích dự án và nghiên cứu trong năm gần )	<p><i>Developing a low-cost drinking water treatment equipment for the poor people in the Mekong Delta of Vietnam (HCMUT-CARE, 2016-2016, 155 million VND)</i></p> <p><i>Preparation and application of titania nanotubes for photocatalytic removal of indoor VOCs (HCMUT, 2017-2018, 30 million VND)</i></p> <p><i>Study on the air pollution caused by burning of incense in closed chamber and the ability of photocatalysis for pollution control (HCMUT-OISP, 2018-2019, 30 million VND)</i></p> <p><i>Preparation of titanium dioxide nanotubes-based photocatalysts for removal of ambient formaldehyde and nitrogen dioxide in air (VNU-HCM, 2019-2021, 100 million VND)</i></p>		
Industry collaborations over the last 5 years ( Hợp tác với doanh nghiệp)	<i>Design, fabrication, and installment of air pollution control devices for boiler, odor control, printing, rubber, and shoe industry</i>		
Patents and proprietary rights ( Sở hữu trí tuệ)			

<p>Important publications over the last 5 years ( Bài Báo nổi bật trong 5 năm gần)</p>	<p><i>Selected recent publications from a total of approx. 117 publications.</i></p> <p><i>N.T. Thuy, N.X. Hoan, D.V. Thanh, P.M. Khoa, N.T. Tai, P.Q.H. Hoang, N.N. Huy*, Application of electrocoagulation for printing wastewater treatment: From laboratory to pilot scale, Journal of Electrochemical Science and Technology, 12(1), 21-32, 2021</i></p> <p><i>T.T. Nguyen*, V.A.K. Tran, L.B. Tran, P.T. Phan, M.T. Nguyen, L.G. Bach, S. Padungthon, C.K. Ta, N.H. Nguyen*, Synthesis of cation exchange resin-supported iron and magnesium oxides/hydroxides composite for nitrate removal in water, Chinese Journal of Chemical Engineering, 32, 378-384, 2021</i></p> <p><i>P.V.Hao, P.N. Minh, P.N. Hong, N.N. Huy, P.T. Oanh, N.T. Hai, T. D. Trang, D. V. Thanh*, N.T.K. Van, N.V. Dang*, Gram-scale synthesis of electrochemically oxygenated graphene nanosheets for removal of methylene blue from aqueous solution, Nanotechnology, 32(16), ID 16LT01, 2021</i></p> <p><i>T.T. Nguyen*, K.A. Huynh, S. Padungthon, A. Pranudta, P. Amonpattaratkit, L.B. Tran, P.T. Phan, N.H. Nguyen*, Synthesis of natural flowerlike iron-alum oxide with special interaction of Fe-Si-Al oxides as an effective catalyst for heterogeneous Fenton process, Journal of Environmental Chemical Engineering, 9(4), ID 105732, 2021</i></p> <p><i>T.T. Nguyen*, Q.A.N. Thi, N.H. Le, N.H. Nguyen*, Synthesis of a novel porous Ag<sub>2</sub>O nanomaterial on ion exchange resin and its application for COD determination of high salinity water, Scientific Reports, 11(1), ID 11487, 2021</i></p>														
<p>Activities in specialist bodies over the last 5 years ( Hoạt động cá nhân đặc trưng trong 5 năm gần)</p>	<table border="1"> <thead> <tr> <th data-bbox="539 1216 842 1294"><i>Organisation</i></th> <th data-bbox="850 1216 1121 1294"><i>Role</i></th> <th data-bbox="1129 1216 1404 1294"><i>Period</i></th> </tr> </thead> <tbody> <tr> <td data-bbox="539 1305 842 1429"><i>Vietnam Association of Catalysis and Adsorption</i></td> <td data-bbox="850 1305 1121 1429"><i>Member</i></td> <td data-bbox="1129 1305 1404 1429"><i>Since 2020</i></td> </tr> <tr> <td data-bbox="539 1440 842 1563"><i>Ho Chi Minh City Association for Water and Environment</i></td> <td data-bbox="850 1440 1121 1563"><i>Member</i></td> <td data-bbox="1129 1440 1404 1563"><i>Since 2020</i></td> </tr> <tr> <td data-bbox="539 1574 842 1729"><i>Science &amp; Technology Development Journal - Engineering and Technology (STDJET)</i></td> <td data-bbox="850 1574 1121 1729"><i>Guest Editor</i></td> <td data-bbox="1129 1574 1404 1729"><i>2021</i></td> </tr> </tbody> </table>			<i>Organisation</i>	<i>Role</i>	<i>Period</i>	<i>Vietnam Association of Catalysis and Adsorption</i>	<i>Member</i>	<i>Since 2020</i>	<i>Ho Chi Minh City Association for Water and Environment</i>	<i>Member</i>	<i>Since 2020</i>	<i>Science &amp; Technology Development Journal - Engineering and Technology (STDJET)</i>	<i>Guest Editor</i>	<i>2021</i>
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