



CURRICULUM VITAE

I. PERSONAL INFORMATION

Full name: Thi Ngoc Bao Dung Gender: Male Female

Date of birth: 26/03/1985 Birthplace: Ho Chi Minh City, Vietnam

Nationality: Vietnam

Academic title: PhD Date of award: 2015

Current position: Assistant dean of School of Graduate Studies

Working place: Ton Duc Thang University, Vietnam

Permanent home address: 65, Street 27, Ward 6, Go Vap district, Ho Chi Minh City

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II. ACADEMIC QUALIFICATION

1. Undergraduate

Mode of study: Full time

Institution: University of Science in Ho Chi Minh City (Vietnam National University)

Academic major: Environmental Science

Nation: Vietnam Year of graduation: 2007

2. Graduate

✚ Master

Thesis name: Researching and building scientific base to design bioreactor landfill for Tan Hiep district, Kien Giang province

Institution: University of Science in Ho Chi Minh City

Academic major: Environmental Management

Nation: Vietnam Year of graduation: 2011

✚ Doctor of Philosophy

Thesis name: Management Policy for Bioenergy Production from Food Waste

Institution: Feng Chia University (Taiwan)

Academic major: Environmental Engineering and Science

Nation: Taiwan Year of graduation: 2015

3. Languages

Study PhD's program in English

III. WORKING EXPERIENCE

Period	Institution	Position
10/2007 - 9/2010	Institute of Technology and Science of Management Environment - Resources (ITMER)	Environmental counselor
06/2011 - 12/2011	GREENVI CORP	Project consulting management
02/2012 to 04/2012	Tran Nguyen Environment and Technology Company	Environmental counselor
04/2012-06/2018	Faculty of Environment and Labour Safety, Ton Duc Thang University	Lecturer
07/2018 to present	Department of Graduate Studies, Ton Duc Thang University	Assistant Dean

IV. TEACHING EXPERIENCE

✚ **Teaching:** Environmental management, Environmental technology in field of green energy, Occupational Safety and Health (noise and vibration control), Environmental and sustainable built development.

✚ **Supervising/Mentoring**

Master student: Le Quang Huy, Master thesis title: Ergonomics assessment of rubber processing, a case study at Ben Suc rubber processing factory, Master program: Occupational Safety and Health, Ton Duc Thang university, 2021

V. RESEARCH EXPERIENCE

1. Published publications

1.1. Books/Book chapters

No	Title	Publication year	Publisher
1	Bioremediation for Tanning Industry: A Future Perspective for Zero Emission (In book: Management of Hazardous Wastes, Chapter 6. Editors: Hosam El-Din M. Saleh and Rehab O. Abdel Rahman, pp.91-102)	2016	INTECH

1.2. Peer-reviewed publications

I. National					
No	Author	Title paper	Publication year	Journal	Role (main/corresponding author, co-author)
II. International					
No	Author	Title paper	Publication year	Journal	Role (main/corresponding author, co-author)
1	Ngoc Bao Dung Thi ; Gopalakrishnan Kumar; Chiu-Yue Lin	An overview of food waste management in developing countries: Current status and future perspective	2015	Journal of Environment Management (ISI journal)	Main author
2	Ngoc Bao Dung Thi ; Chiu-Yue Lin; Gopalakrishnan Kumar	Waste-to-wealth for valorization of food waste to hydrogen and methane towards creating a sustainable ideal source of bioenergy	2016	Journal of Cleaner Production (ISI journal)	Main author
3	Quang-Vu Bach, Trung Ngoc Trinh, Khanh-Quang Tran, Ngoc Bao Dung Thi	Pyrolysis characteristics and kinetics of biomass torrefied in various atmospheres	2016	Energy Conversion and Management (ISI journal)	Co-author
4	Gopalakrishnan Kumar, Periyasamy Sivagurunathan, Ngoc Bao Dung Thi , Guangyin Zhen, Takuro Kobayashi, Sang-Hyoun Kim, Kaiqin Xu	Evaluation of different pretreatments on organic matter solubilization and hydrogen fermentation of mixed microalgae consortia	2016	International Journal of Hydrogen Energy (ISI journal)	Co-author
5	Gopalakrishnan	A comprehensive	2017	Energy	Co-author

	Kumar, Periyasamy Sivagurunathan; Arivalagan Pugazhendhi, Ngoc Bao Dung Thi , Guangyin Zhen, Chandrasekhar Kuppam, Abudukeremu Kadier	overview on light independent fermentative hydrogen production from wastewater feedstock and possible integrative options		Conversion and Management (ISI journal)	
6	Chinnannan Karthik, Selvaraj Barathi, Arivalagan Pugazhendhi, Vijayan Sri Ramkumar, Ngoc Bao Dung Thi , Padikasan Indra Arulselvi	Evaluation of Cr(VI) reduction mechanism and removal by <i>Cellulosimicrobium funkei</i> strain AR8, a novel haloalkaliphilic bacterium	2017	Journal of Hazardous Materials (ISI journal)	Co-author
7	Ngoc Bao Dung Thi ; Biswarup Sen; Chin-Chao Chen; Gopalakrishnan Kumar; Chiu-Yue Lin	Food Waste to Bioenergy via Anaerobic Processes	2014	Energy Procedia (Scopus journal)	Main author
8	Vijayan Sri Ramkumar, Arivalagan Pugazhendhi, Kumar Gopalakrishnan, Periyasamy Sivagurunathan, Ganesh Dattatraya Saratale, Ngoc Bao Dung Thi , Ethiraj Kannapiran	Biofabrication and characterization of silver nanoparticles using aqueous extract of seaweed <i>Enteromorpha compressa</i> and its biomedical properties	2017	Biotechnology reports (Scopus journal)	Co-author
9	Ngoc Bao Dung Thi	A comparison of electricity generation of food waste via anaerobic processes	2018	Walailak Journal of Science and Technology (Scopus journal)	Main author
10	Huy Long Huynh Nguyen, trung Duc Le, Ngoc Bao Dung Thi , Tam Anh	Biohydrogen fermentation from rubber latex processing	2018	Int. J. Environment and Waste Management	Main author

	Nguyen Duong	wastewater pretreated by aluminium sulphate flocculation		(Scopus journal)	
11	Ngoc Bao Dung Thi , Nguyen Thanh Tuan, Ngoc Hong Hanh Thi	Assessment of food waste management in Ho Chi Minh City, Vietnam: current status and perspective	2018	Int. J. Environment and Waste Management (Scopus journal)	Main author
12	Eldon R.Rene, Manivannan Sethurajan, Vinoth Kumar Ponnusamy, Gopalakrishnan Kumar, Thi Ngoc Bao Dung , Kathirvel Brindhadevi, Arivalagan Pugazhendhi	Electronic waste generation, recycling and resource recovery: Technological perspectives and trends	2021	Journal of Hazardous Materials (ISI journal)	Co-author
13	Thi Ngoc Bao Dung , Tran Duc Minh, Pham Hoang Minh, Kim-Hanh Thi Pham, Tam-Anh Duong Nguyen	A Novel: Low-cost Method for the Isolation of Anaerobic Hydrogen Producing Bacteria	2022	IOP Conference Series: Earth and Environmental Science (Scopus journal)	First author
14	Thi Ngoc Bao Dung , Chyi-How Lay, D. Duc Nguyen, S. Woong Chang, J.Rajesh Banue, Youngsun Hong, Jeong-Hoon Park	Improving the biohydrogen production potential of macroalgal biomass through mild acid dispersion pretreatment	2023	Fuel (ISI journal)	First author

1.3. Conferences

I. National				
No	Author	Title	Topic	Location
1	Le Quang Huy, Thi Ngoc	Khoa học An toàn Vệ sinh lao động: Thách	Đánh giá Ergonomics với công việc chế biến	Hà Nội, Việt Nam,

	Bao Dung *	thức và cơ hội để phát triển	cao su, nghiên cứu điển hình tại nhà máy chế biến cao su Bến Súc	11/2021
II. International				
No	Author	Title	Topic	Location
1	Thi Ngoc Bao Dung; Biswarup Sen; Chin-Chao Chen; Gopalakrishnan Kumar; Chiu-Yue Lin	International Conference of Applied Energy (<i>Scopus proceeding</i>)	Food Waste to Bioenergy via Anaerobic Processes	Taipei, Taiwan, 2014
2	Thi Ngoc Bao Dung	International Workshop on Environment and Climate Change Challenge, Response and Lessons Learnt	Food waste to bio-energy via bio-fermentation	Ho Chi Minh City, Vietnam, 12/2015
3	Thi Ngoc Bao Dung	International Workshop on Environment and Climate Change Challenge, Response and Lessons Learnt	Municipal solid waste management in Taiwan: Current status and the way forward to Zero Waste Society	Ho Chi Minh City, Vietnam, 12/2015
4	Thi Ngoc Bao Dung, V. V. Nguyen, T. T. T. Phan	The 1st International Conference on Environmental Technology and Innovations	An overview of forest transition and its environmental impacts in Vietnam	Ho Chi Minh City, Vietnam, 11/2016
5	Thi Ngoc Bao Dung	The 1 st International Conference on Environmental Technology and Innovations	An overview of food waste management in Ho Chi Minh City, Vietnam	Ho Chi Minh City, Vietnam, 11/2016
6	Thi Ngoc Bao Dung	The 1 st International Conference on Alternative Fuels: Future and Challenges (ICAF'16)	A lesson learnt of municipal solid waste management in Taiwan for application in Vietnam	Kayseri, Turkey, 12/2016
7	Thi Ngoc Bao Dung	The 1 st International Conference on Alternative Fuels: Future and Challenges (ICAF'16)	Approaching food waste segregation in Ho Chi Minh City, Vietnam	Kayseri, Turkey, 12/2016
8	Thi Ngoc Bao Dung, Phan Thi Tra Mi, Tran Duc Minh	The 1 st International Conference on Water Resources and Sustainability (ICWRS)	A critical review of air pollution characteristics and health risks in Ho Chi	Nanjing, China, 2018

		& 3 rd International Conference on Alternative Fuels, Energy and Environment (ICAFEE): Future and Challenges	Minh city, Vietnam: Current and Future challenges	
9	Tran Duc Minh, Thi Ngoc Bao Dung	The 1 st International Conference on Water Resources and Sustainability (ICWRS) & 3 rd International Conference on Alternative Fuels, Energy and Environment (ICAFEE): Future and Challenges	A Critical Assessment Of Traffic Road Noise Pollution In Ho Chi Minh City, Vietnam	Nanjing, China, 2018
10	Thi Ngoc Bao Dung , Tran Duc Minh, Pham Hoang Minh, Kim-Hanh Thi Pham, Tam-Anh Duong Nguyen	The 4 th International Conference on Green Environmental Engineering and Technology	A novel: low-cost method for the isolation of anaerobic hydrogen producing bacteria	Seoul, South Korea, 2022

2. Ongoing and completed research projects

No	Title of project	Period	Funding agency	Role in project	Note
1	Development of Sustainable Bioenergy (H ₂ +CH ₄) Production Systems via Microbial Technologies Using Organic Wastes as Green Alternative Sources (FOSTECT.2016.BR.17)	2016-2017	Ton Duc Thang University	Member	Completed
2	Assessment of urban flood causing by climate change and develop response solutions for Nha Be and Can Gio districts of Ho Chi Minh city	2019-2021	Department of Science and Technology in Ho Chi Minh City	Member	Completed
3	Lignocellulose biomass conversion to bioenergy production (FOSTECT.2023.25)	2023-2024	Ton Duc Thang University	Leader	On going



4	Microalgal biorefinery towards bioenergy and bioproducts generation (FOSTECT.2023.26)	2023-2024	Ton Duc Thang University	Leader	On going
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I hereby declare that all the information given is true to my knowledge.

Ho Chi Minh City, 08/12/2023

Confirmed by

Declarant

Thi Ngoc Bao Dung