

**Full name: ĐẶNG VŨ BÍCH HẠNH**

✓ **Gender:** Female

✓ **Place of work:**

*University:* Ho Chi Minh City University of Technology

*Faculty:* Faculty of Environmental and Natural Resources

*Department:* Environmental Engineering

*Position:* Supervisor Laboratory

✓ **Degree: PhD. Year: 2011**

✓ **Academic title:**

✓ **Contact:**

No.		Office
1	Address	268 Ly Thuong Kiet, District 10, Ho Chi Minh City
2	Tel/Fax	(84-8) 38639682
3	Email	<a href="mailto:dvbh@hcmut.edu.vn">dvbh@hcmut.edu.vn</a>

✓ **Foreign language:**

No.	Language	Listening	Speaking	Writing	Reading
1	English	Good	Good	Good	Excellent
2	French	Intermediate	Intermediate	Intermediate	Intermediate
3	Japanese	Intermediate	Intermediate	Intermediate	Intermediate

✓ **Working history:**

Duration	Place	Position
2002 – now	Ho Chi Minh City University of Technology	Lecturer in Faculty of Environmental and Natural Resources Supervisor Laboratory
1993 - 2002	Open University of Ho Chi Minh City	Lecturer in Biotechnology Faculty

✓ **Education outline:**

Level	Duration	Place	Field	Title of thesis
B.Sc.	1986 – 1990	University of department of Hochiminh city, Vietnam	Biology	
M.Sc.	1996 – 1999	University of Technology of Hochiminh city, Vietnam	Food Processing	A study of characteristic and ability of cellulase synthesis in <i>Actinomyces griseus</i>

<i>Level</i>	<i>Duration</i>	<i>Place</i>	<i>Field</i>	<i>Title of thesis</i>
Ph.D.	2005 – 2011	University of Natural Science Hochiminh city, VNU , Vietnam. (Supervisor: Prof. Tran Linh Thuoc- VNU- VietNam and Prof. Huu Doan- Toronto- Canada)	Microbiology	The study on the application of microorganisms in treating heavy metal contaminated water

✓ **Research interests:**

Field: microbiology in environment

Major:

- Environmental science (water and soil), ecology.
- Laboratory analysis (biotechnology, microbiology and chemical water)
- Science applied to food (microbiology)
- Basic principles, hygiene and safety in food
- Knowledge of statistic

✓ **Selected publication:**

**Refereed Journal Publications**

1. V.B.H. Dang, H.D.Doan, T.Dang-Vu, A.Lohi (2009). “Equilibrium and kinetics of biosorption of cadmium (II) and copper (II) ions by wheat straw”. Bioresource. p.211-219.
2. H.D.Doan. A.Lohi, V.B.H.Dang, T. Dang – Vu (2008). “Removal of Zn<sup>+2</sup> and Ni<sup>+2</sup> by adsorption in a fixed bed of wheat straw”. Process Safety and Environment Protection, p.259-267.
3. Hong Hanh Tran Thi, Le Thi Hong Tran, Dang Vu Bich Hanh (2009). “Surface water quality assessment and proposal solution to improve environment of Basa catfish industry of An Giang province, Vietnam ”. Journal of Asian Environmental Research (2) 76-87, ISSN-1882-5257. Meisei University
4. Tran Thi Hong Hanh, Le Thi Hong Tran, Dang Vu Bich Hanh, Duong Thi Thanh (2009). “Application GIS to establish the monitoring network of water quality of basa catfish pond at An Giang”. Journal of Science and Technology Development, Vietnamese National University-HCMC, Vol 12(2), pp 97-110. ISSN-1859-0128.
5. Dang Vu Bich Hanh, Tran Linh Thuoc, Dang Vu Xuan Huyen. (2010). “The study on heavy metal removed by Bacillus subtilis with polyhistidine 6x on cell

surface”. Science of the earth and environment, Science and Technology development Journal, VietNam National University – HoChiMinh city. ISSN 1859-0128.

6. Nguyen Thi My Xuan, Dang Vu Bich Hanh, Le Thi Hong Tran (2011). “Water quality improvement of industrial shrimp ponds”. International Journal Environmental Technology and Management. ISSN-1466-2132, pp. 182-202, DOI 10.1504/IJETM.2011.039269.

7. Han H.T.N., N.D.Hung, D.V.B.Hanh, N.P.Dan (2011). Application of wetland on antibiotic residue in aquacultural pond wastewater treatment. Journal of Science and Technology Development, Vietnamese National University-HCMC, Vol 49(4A), pp.86-92.

8. Nguyen Phuoc Dan, Seunghee Han, Hieu Van Duong, Dang Vu Bich Hanh, Dang Vu Xuan Huyen (2012). Survey on the Presence of Typical Heavy Metals in the Brackish Water Ecosystem of Tien River, Vietnam. Science and Technology for Sustainability. Vol.10, pp.110, ISSN 2288-2596

9. Fumiko Oritate, Masato Nakamura, Masaru Yamaoka, Yoshito Yuyama, Nguyen Phuoc Dan, Dang Vu Bich Hanh (2013). Trial Use Of Methane Fermentation Digested Slurry At Paddy Field In Southern Vietnam - Evaluation From Fecal Contamination, Nitrogen Load And Fertilization Effect , Journal of Science and Technology. Vol. 51 (5C), pp.649-655.

10. Trinh Thi Bich Huyen, Dang Kim An, Dang Vu Xuan Huyen, Nguyen Thi Thuy Hang, Dang Vu Bich Hanh, Nguyen Phuoc Dan. (2013) Risk evaluation of Coliform and Escherichia coli from biogas digester at suburban areas of Ho Chi Minh city, Journal of science and technology, 51 (5C), pp.498-502.

11. Dang Vu Xuan Huyen, Phan Thanh Lam, Pham Hoang Lam, Dang Vu Bich Hanh, Nguyen Phuoc Dan (2013) Effect of rubber wastewater reuse for irrigation plants to groundwater quality in Binh Duong. Journal of Science and Technology. Vol. 51 (5C), pp.683-690.

12. Dang Vu Bich Hanh, Nguyen Huu Viet, Lai Duy Phuong, Nguyen Phuoc Dan, Seunghee Han, Eunhee Kim, Yongseok Hong (2013). Monitoring Trace Metals in Water and Biota in Tien River, Vietnam. Science and Technology for Sustainability Vol.11, Multi-Pollutants Issues in our Environments. ISSN 2288-2596. PP.177-190.

13. Dang Van Dien, Phan The Nhat, Dang Vu Bich Hanh, Nguyen Cao Tien, Nguyen H. Cam Ha, Nguyen Phuoc Dan, Application of single-stage nitrogen removal using anammox and partial nitrification (SNAP) for old landfill leachate treatment, Journal of Science and Technology, 52 (3A), 26-32, 2014

14. Dang Vu Bich Hanh, Trinh Thi Bich Huyen, Nguyen Phuoc Dan, F. Oritate, Dang Vu Xuan Huyen, Y. Yuyama, Correlation between pathogens and physico-chemical characteristics of soil and water in reuse of biogas digester slurry as fertilizer to the paddy field, Journal of Science and Technology, 52 (3A), 211-217, 2014

15. Truong A. Tham, Nguyen M. Nhan, Truong Q. Vu, Trinh Thi Bich Huyen, Dang Vu Bich Hanh, Nguyen P. Dan (2014). Lab scale study on suitable organic and nutrient loading rates for household biogas digester, *Journal of Science and Technology*, 52 (3A), 224-230.
16. Dang Vu Xuan Huyen, Trinh Thi Bich Huyen, Dang Vu Bich Hanh, Nguyen Phuoc Dan (2014). Assessment impact of reclaimed water to soil quality based on soil microbial community toxicity, *Journal of Science and Technology*, 127 (13).
17. Dang Vu Xuan Huyen, Dang Vu Bich Hanh, Nguyen Phuoc Dan, (2014) Assessment of treated latex wastewater reuse for perennial tree irrigation on ground water quality, *Journal of Science and Technology*, Vol. 127 (13).
18. Nguyen Phuoc Dan, Dang Vu Bich Hanh, Phan Thi Hoai Thu, Nguyen Thi Thuy Hang, Le Thi Kim Phung (2014), Assessment of current biomass re-use and solution to promote its effectiveness in Thai My, My An and Kado, *Journal of Science and Technology*, 52 (4C), 76-84.
19. Tran Thi Phi Oanh, Tran Cong Thanh, Lam Pham Thanh Hien, Nguyen Huu Viet, Dang Vu Bich Hanh (2014), Ứng dụng công nghệ dòng chảy ngược (UMBR) kết hợp với bể kỵ khí trong xử lý nước thải cà phê, *Journal of Science and Technology*, 52 (4C), 110-117.
20. Dang Vu Bich Hanh, Dinh Quoc Tuc, Nguyen Duy Khanh, Lam Pham Thanh Hien, Dang Vu Xuan Huyen, Lai Duy Phuong, Trinh Thi Bich Huyen, Nguyen Phuoc Dan, Emilie Strady (2015), Correlation between environmental factors and the presence of heavy metals in river basins Saigon - Dong Nai, *Journal of Recourses and Environment*, 8 (issue 2) 22-24.
21. F.Oritatae, Y.Yuyama, M.Nakamura, M.Yamaoka, N.P.Dan, D.V.B.Hanh, K.Mochidzuki, A.Sakoda, Regional Dianosis of Biomass Use in Suburban Village in Southern Vietnam, *Journal of the Japan Institute of Energy*, 94, 805-829, 2015
22. Fumiko Oritate, Masato Nakamura, Dan Phuoc Nguyen, Hanh Vu Bich Dang, Khanh Duy Nguyen, Yoshito Yuyam, Feasibility for use of digested slurry by the pouring method in paddy fields of Southern Vietnam, *Paddy Water Environronment*, DOI 10.1007/s10333-01-0512-0, 2015.
23. Nguyen Phuoc Dan, Dang Vu Bich Hanh, Nguyen Huu Viet, Lai Duy Phuong, Trinh Bich Huyen, Seunghee Han, Yonseok Hong, Trace metal (Cu, Zn, Pb and Cr) in Mollusca, Sediment and Water at Tien River Estuary- Mekong Delta in Viet Nam, *Science and Technology for Sustainability*, Vol.12, 359-375, 2014.
24. T.T.B.Huyền, N.N.M.Trinh, N.T.K.Cúc, L.P.T.Hiền, Đ.V.X.Huyền, L.D.Phương, Đ.V.B.Hạnh, Biodegradation *Eichhornia crassipes* of black soldier fly larvae (*Hermetia illucens*) based on growth rate, *Journal of Science and Technology*, 139 (09), 131-136, 2015

25. Dang Vu Bich Hanh (2015), Summary the result of survey on heavy metals in water and sediment in river basins Saigon, determination of correlation between water and sediment, *Journal of Recourses and Environment*, 17 (223) 25, 2015.
26. Đặng Vũ Xuân Huyền, Trịnh Thị Bích Huyền, Lại Duy Phương, Đặng Vũ Bích Hạnh, Nguyễn Phước Dân, Changing of soil stability in irrigation with reclaimed water, *Tạp chí Journal of Science and Technology*, 139 (09), 109-114, 2015
27. Nguyễn Thuý Hằng, Đặng Vũ Xuân Huyền, Lại Duy Phương, Trịnh Thị Bích Huyền, Đặng Vũ Bích Hạnh, Measurements of heavy metals and natural radioactivity levels in water, soil and vegetation around the titanium mining site in Phu Cat district, Binh Dinh province, *Journal of Science and Technology*, 139 (09), 121-124, 2015

### **Papers in Conference Proceedings**

1. Nguyen van ,P., Dang Vu Bich, H. , Nguyen Quoc, B. (2000) Research on petroleum waste pollution and treatment technology in VietNam, *Environment technology for oil pollutuion – volume II – United Engineering Foundation – Poland*.
2. Nguyen van ,P. – Dang Vu Bich, H. – Nguyen Quoc, B- Trong Dang Vu. (2000) Utilization of solid waste from tanker cleaning - *Research on petroleum waste pollution and treatment technology in VietNam, Environment technology for oil pollutuion – volume II – United Engineering Foundation – Poland*.
3. Nguyen Van , P. – Dang Vu Bich , H. (2005) Red mud treatment in HCMC, *Conference of Canadian chemical engineering 55th, Toronto, Canada*. Equilibrium and Kinetics of Cd<sup>2+</sup> and Cu<sup>2+</sup> Adsorption by Wheat Straw. (2007) *CSCHE07, Alberta, Canada*
4. H. B. Dang-Vu, T. Tran. Linh, H. D. Doan. (2008) Application of *Aspergillus niger* isolated from industrial wastewater in the removal of heavy metals by biosorption, *International Conference on Environment Protection at the Institute for Environment and Resources (IER), Vietnam*
5. Dang Vu Bich , H , Tran Linh T., (2008) Generation of *Bacillus subtilis* clone displaying metal-binding polyhistidyl peptide, *Conference of Canadian chemical engineering 58th, Ottawa, Canada*.
6. Dang Vu Bich . H, Huu Doan, D.V.Huyen. (2008) Study on biodegradation of lignin from paper mill wastewater by fungus isolated, *ACS, Montreal, Canada*.
7. Nguyen Tan Phong, Dang Vu Bich Hanh, Nguyen Thanh Hung. (2010) Anaerobic, anoxic, aerobic integrated processes study for treatment of domestic waste water with two step feed, “*Harmonizing Infrastructure with the Environment*” , *AUNSEEDNET, Manila, Philippine*.
8. Dang Vu Bich Hanh, Tran Linh Thuoc, Huu Doan, Dang Vu Xuan Huyen. (2010) A study on nickel and copper removal by *Aspergillus niger* immobilized in a fixed-bed

column. “Environmental Protection for Urban and Industrial Zones in adaptation to Climate Change”, 2nd VNU - HCM International Conference for Environment and Natural Resources.

9. N.T.Thang, B.T.M.Phuong, D.V.B.Hanh, N.P.Dan , L.T.K.Phung , P.D.Tuan, Fumiko Oritate, Yoshito Yuyama , Kazuhiro Mochidzuki and Akiyoshi Sakoda (2011). Evaluation of the material flows of utilization of husbandry wastes to produce biogas in Thai My Village- Cu Chi District.The 8th Biomas Asia Workshop, 29 Nov to Dec 1, 2011. Hanoi.

10. Nguyen Phuoc Dan, Dang Vu Bich Hanh, Nguyen Lam Quang Thoai (9/2012) Applicability of methane fermentation digested slurry at paddy field in Viet Nam. Annual meeting 2012, Society of Environmental Science, Japan.

11. Thoai N.L.Q, Hanh D.V.B, Dan N.P, Tuan P.D, Oritate F. , Yuyama Y., Nakamura M., Yamaoka M., Mochizuki K. and Sakoda A (9/2012). Balances of Water, Nitrogen and Phosphorus for rice crop at a paddy field in Southern Vietnam. Annual meeting 2012, Society of Environmental Science, Japan.

12. Trinh Thi Bich Huyen, Tran Thi Phi Oanh, Ho Chi Tuan, Duong Van Minh, Dang Viet Hung, Dang Vu Bich Hanh (2012). A study on using biogas residue as fertilizer for fruit trees and vegetables in suburban of Ho Chi Minh city. The 5th ASEAN Civil Engineering Conference (ACEC), the 5th ASEAN environmental Engineering Conference (AEEC) and the 3rd Seminar on Asian Water Environment (Asian Core Program of JSPS, NRCT and ERDT) – Hồ Chí Minh, Viet Nam.

13. Tran Thi Phi Oanh, Lai Duy Phuong, Trinh Thi Bich Huyen, Dang Vu Bich Hanh, Dang Vu Xuan Huyen (2012). A study on antibiotic residue treatment of wastewater by biofilter. The 5th ASEAN Civil Engineering Conference (ACEC), the 5th ASEAN environmental Engineering Conference (AEEC) and the 3rd Seminar on Asian Water Environment (Asian Core Program of JSPS, NRCT and ERDT) – Hồ Chí Minh, Viet Nam.

14. Fumiko Oritate, Masato Nakamura, Masaru Yamaoka, Yoshito Yuyama, Nguyen Phuoc Dan, Dang Vu Bich Hanh and Lam Quang Thoai (9,2012), Applicability of methane fermentation digested Slurry at paddy field in Vietnam, Annual meeting of Society of Environmental Science Japan, Yokohama National University.

15. Trinh Thi Bich Huyen, Dang Vu Xuan Huyen, Dang Vu Bich Hanh, Nguyen Phuoc Dan, Phan Dinh Tuan, Fumiko Oritate, Yoshito Yuyama, Masato Nakamura (2013). Evaluation of impacts of reuse biogas slurry process on environmental sanitation. Regional workshop on “ Water and Energy”, Hanoi – Viet Nam.

16. Huyen D.V.X, Hanh D.V.B, Lam P.T., Dan N.P, (2013) Assessment of treatment removal of slowrate land treatment for piggery and latex wastewaters, 2nd International Doctoral Symposium with Partner Universites. Graduate School of Engineering, Hokkaido University, Sapporo –Japan.

17. Huyen D.V.X, Hanh D.V.B, Khoa L.V, Dan N.P., (2013), A review on recycling water for irrigation in Vietnam, Regional Workshop of DAAD-EXCEED, 2013, Ha Noi - Viet Nam.
18. Masato Nakamura, Fumiko Oritate, Yoshito Yuyama, Masaru Yamaok, Nguyen Phuoc Dan and Dang Vu Bich Hanh (2013). Methane production in paddy soil treated with digested slurry from anaerobic digester Vietnam. Proceeding of 11th International Conference The East and Southeast Asia Federation of Soil Science Societies, ISBN 978-979-19904-1-7, Indonesia.
19. Oritate Fumiko, Yuyama Yoshito, Nakamura Masato, Yamaok Masaru, Nguyen Phuoc Dan, Dang Vu Bich Hanh, Sakoda Akiyoshi and Mochidzuki Kazuhiro (2013). Regional Diagnosis of Biomass Use in Thai My Village, Vietnam, Technical Report of the National Institute for Rural Engineering, No.214, pp.135.
20. Fumiko Oritate, Masato Nakamura, Yoshito Yuyama, Masaru Yamaoka, Iwao Kitagawa, Akiyoshi Sakoda, Nguyen Phuoc Dan, Dang Vu Bich Hanh And Nguyen Duy Khanh, (9/2013) Availability of methane fermentation digested slurry at paddy field in Vietnam, Annual meeting of Japanese Society of Soil Science and Plant Nutrition, Nagoya University.
21. Masato Nakamura, Fumiko Oritate, Yoshito Yuyama, Masaru Yamaoka, Nguyen Phuoc Dan and Dang Vu Bich Hanh, (9/2013). Generation property of methane and nitrous oxide in paddy field soil in dry season in Vietnam, Annual meeting of Japanese Society of Soil Science and Plant Nutrition, Nagoya University.
22. Yoshito Yuyama, Fumiko Oritate, Masato Nakamura, Masaru Yamaoka, Nguyen Phuoc Dan, Dang Vu Bich Hanh, Akiyoshi Sakoda And Kazuhiro Michidzuki, Energy evaluation on use of methane fermented sludge in paddy farming of southern Vietnam, (11/2013) Annual meeting of resources recycling section, The Japanese Society of Irrigation, Drainage and Rural Engineering.
23. Fumiko Oritate, Masato Nakamura, Yoshito Yuyama, Masaru Yamaoka, Nguyen Phuoc Dan, Dang Vu Bich Hanh and Nguyen Duy Khanh, (11/2013) Fate of fecal indicator microbes and nitrogen in surface water of paddy field in use of methane fermentation digested slurry as additional fertilization, Annual meeting of resources recycling section, The Japanese Society of Irrigation, Drainage and Rural Engineering.
24. Fumiko Oritate, Masato Nakamura, Masaru Yamaoka, Yoshito Yuyama, Nguyen Phuoc Dan, Dang Vu Bich Hanh and Nguyen Duy Khanh, (11/2013) – Trial Use Of Methane Fermentation Digested Slurry At Paddy Field In Southern Vietnam - Evaluation From Fecal Contamination, Nitrogen Load And Fertilization Effect, The 13th Conference on Science and Technology, Ho Chi Minh City, Vietnam.
25. Dang Vu Bich Hanh, Nguyen Huu Viet, Lai Duy Phuong, Trinh Thi Bich Huyen, Nguyen Phuoc Dan, Seunghee Han, Yongseok Hong (10/2014) – Correlation between trace metals (Cu, Zn, Pb and Cr) in mollusca, sediment and water at Tien river estuary –

Mekong delta in Viet Nam, The 12th Annual UNU & GIST Joint Programme Symposium: Issues on Environmental Multi-Pollutants, Da Nang, Viet Nam.

26. Emilie Strady, Nguyen Phuoc Dan, Julien Nemery, Dang Vu Bich Hanh, Dinh Quoc Tuc, (2014), The transformation of trace metal in Saigon River, Sharing water: Future Development of Mekong River Basin, Ho Chi Minh - Viet Nam

27. D. V. X. Huyen, N. D. Khanh, N. T. T. Hang, T. T. B. Huyen, L. D. Phuong, D. V. B. Hanh, (2014), Environmental problems associated with the use of treated wastewater for tea plants irrigation, Sharing water: Future Development of Mekong River Basin, Ho Chi Minh - Viet Nam.

28. Trinh Thi Bich Huyen, Nguyen Lam Quang Thoai, Nguyen Phuoc Dan, Dang Vu Bich Hanh, Yoshito Yuyama, F, (2014), Hygienic and Environmental Influences on Application of Biogas Digested Slurry at Paddy Field In Cu Chi District, Ho Chi Minh City, Annual Meeting 2014 of the Society of Environmental Science-Japan, Tsukuba – Japan.

29. Dang Vu Xuan Huyen, Dang Vu Bich Hanh, Nguyen Phuoc Dan, (2014), Assessment of treated latex wastewater reuse for perennial tree irrigation on groundwater quality, Energetic and Material Utilization of Biomass - Biogas Plants and Nutrient Recovery, 2014, Braunschweig – Germany

30. Dang Vu Bich Hanh, Le Nguyen Thien Kim, Dinh Quoc Tuc, N.H. Viet, D.V.X. Huyen, N.P. Dan, Emily Strady, (2015) Impact of heavy metals in water and sediment in Saigon - Dong nai basin and study on water and sediment correlation, UK-VietNam workshop on innovations in chemical engineering for a sustainable environment, 2015, Ha Noi - Việt Nam.

31. Dang Vu Xuan Huyen, Lai Duy Phuong, Trinh T Bich Huyen, Dang Vu Bich Hanh, Nguyen Phuoc Dan, (2015), Studying on impact of reclaimed water irrigation on soil quality, UK-VietNam workshop on innovations in chemical engineering for a sustainable environment, Ha Noi - Việt Nam.

32. N.D.Khanh, D.V.X.Huyen, L.P.T.Hien, N.T.T.Hang, T.T.B.Huyen, L.D.Phuong, D.K.An, D.V.B.Hanh, N.T.Linh, (2015), Assessment soil capacity of nutrient holding in reuse waste water – a study in Cat Lam - Binh Dinh, UK-VietNam workshop on innovations in chemical engineering for a sustainable environment, 2015, Ha Noi - Viet Nam.

33. D.V.X.Huyen, N.D.Khanh, N.T.T.Hang, T.T.B.Huyen, L.D.Phung, N.C.Vu, D.V.B.Hanh, N.T.Linh, (2015), Study on treated wastewater reuse associated with soil quality in irrigation for tea tree *Camellia sinensis*, UK-VietNam workshop on innovations in chemical engineering for a sustainable environment, Ha Noi - Viet Nam.

34. T.T.B.Huyen, N.N.M.Trinh, N.T.K.Cuc, L.P.T.Hien, N.T.T.Hang, D.V.X.Huyen, L.D.Phuong, D.V.B.Hanh,(2015), Preliminary study on water hyacinth treatment with black soldier fly larvae which used as food for tilapia, UK-VietNam workshop on



innovations in chemical engineering for a sustainable environment, 2015, Ha Noi - Viet Nam.

35. Lai Duy Phuong, Nguyen Thanh Ninh, Nguyen Minh Nhat, Dang Vu Xuan Huyen, Dang Vu Bich Hanh, N.P.Dan, (2015) Evaluation of EDCs (endocrine disrupting chemicals) in Saigon River and operation parameters of NPEs by ozone method, UK-VietNam workshop on innovations in chemical engineering for a sustainable environment, 2015, Ha Noi - Viet Nam.

36. Phan Thanh Lam, Dang Vu Xuan Huyen, Dang Vu Bich Hanh, Nguyen Phuoc Dan, (2015), Model of pollutants transmission in reuse wastewater for irrigation on rubber tree, UK-VietNam workshop on innovations in chemical engineering for a sustainable environment, Ha Noi - Viet Nam.

37. Dang Vu Xuan Huyen, Trinh T.Bich Huyen, Lai D.Phuong, Phan T.Lam, Dang Vu B.Hanh, Nguyen P.Dan, (2015), Assessment of the changes of soil texture and structure in irrigation with reclaimed water, 2015 International Conference on Environmental Quality Concern, Kaohsiung – Taiwan.

38. N.P.Dan,D.V.B.Hanh,D.Q.Tuc,N.D.Khanh,T.T.Viet,L.D.Phuong,T.T.B.Huyen, Seunghee Han, Relationship between trace metal concentrations (Cu, Zn,Pb,CD and Cr) in molluscs, suspended particulates, sediment and water in downstream of Saigon River, The 13<sup>th</sup> UNU&GIST"Environmental Challenges for Urban Cities", 2015, Manila – Philippines.

39. Đặng Vũ Xuân Huyền, Lại Duy Phương, Trịnh T.Bích Huyền, NTHằng, NDKhánh, LPThiên, Đặng Vũ Bích Hạnh, Đánh giá sự thay đổi của đất qua quá trình sử dụng nước tái sinh tưới cây chè, Hội nghị Khoa học và Công nghệ lần thứ 14 – phân ban Kỹ thuật và Quản lý Môi trường, 2015, Hồ Chí Minh - Việt Nam

40. Phan Thanh Lâm, Đặng Vũ Xuân Huyền, Đặng Vũ Bích Hạnh, Nguyễn Phước Dân, Đề xuất quy chuẩn chất lượng nước tái sinh tưới vườn cây cao su, Hội nghị Khoa học và Công nghệ lần thứ 14 – phân ban Kỹ thuật và Quản lý Môi trường, 2015, Hồ Chí Minh - Việt Nam

41. Nguyen Phuoc Dan, NDKhanh, NHViet, LDPhuong, TTBHuyen, DQTuc, PMQuang, Dang Vu Bich Hanh,S.Han, Trace metals (Cu, Zn, Pb and Cd) in mollusca, sediment and water at tien river estuary - Mekong delta in Viet Nam , Hội nghị Khoa học và Công nghệ lần thứ 14 – phân ban Kỹ thuật và Quản lý Môi trường, 2015, Hồ Chí Minh - Việt Nam

42. Nguyễn Thị Thúy Hằng, Đặng Vũ Xuân Huyền, Lại Duy Phương, Trịnh Thị Bích Huyền, Đặng Vũ Bích Hạnh, Xác định mối tương quan giữa nồng độ các chất ô nhiễm và sức khỏe cộng đồng khu vực xã Cát Lâm, Cát Thành huyện Phù Cát tỉnh Bình Định, Hội nghị Khoa học và Công nghệ lần thứ 14 – phân ban Kỹ thuật và Quản lý Môi trường, 2015, Hồ Chí Minh - Việt Nam.