

CURRICULUM VITAE



I. PERSONAL INFORMATION

Full Name: PHAM VAN TOAN Gender: Male
Date of birth: 28/3/1976 Place of birth (*ward/commune, district, city/province*): Cam Son, Cai Lay, Tien Giang
Address: Campus I - Cantho University, 30/4 street, Hung Loi ward, Ninh Kieu district, Cantho City, Vietnam
Highest degree: PhD. Year earned: 2011
Current Position: Vice head of Department of Environmental Engineering
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II. EDUCATION BACKGROUND

- Doctor degree of Agricultural Science researched on pesticide fate monitoring in the environment and pesticide management in the Mekong Delta, Institute for Environment and Human Security - United Nations University in Bonn and University of Bonn, Germany. November, 2011.
- Master of Engineering degree in Water Resource Engineering at The Catholic University of Leuven (KU Leuven) and Free University of Brussels (VUB), Belgium. September, 2006.
- Bachelor degree in Hydraulic Engineering - Cantho University, Vietnam. May, 1999.

III. WORK EXPERIENCES

Date	Workplace	Responsibilities
2011-Present	Department of Environmental Engineering, College of Environment & Natural	Vice head, Lecturer

Resources – Cantho University		
2007-2010	Institute for Environment and Human Security - United Nations University in Bonn, Germany	Researcher
2004-2006	The Catholic University of Leuven (KULeuven) and Free University of Brussels (VUB), Belgium.	Master student
2002-2004	Department of Environmental Engineering and Water Resources, College of Technology, Cantho University	Lecturer
1999-2002	Environmental Engineering and Renewable Energy Center – Cantho University	Lecturer

IV. EXPERIENCES EXPERTISE

1. Research activities

Time	Titles, contributions	Location	Universities/Insti-tutes...	Responsibilities
2012 – 2016	Impact assessment of flooding control systems to soil productivity, clarification of water source for pollutants and public health servicing for sustainable agricultural development	Vietnam	Can Tho University	Coordinator
2014-2017	Climate change and water supply service in the Vietnamese Mekong Delta	Vietnam	Can Tho University, UNESCO-IHE	Member
2011-2014	Pesticide use and monitoring selected pesticide concentration in canal and river system.	Vietnam	Can Tho University	Coordinator
2011-2013	To develop centralized wastewater treatment technology based on an integrated system for controlling environmental pollution and applying profitable solutions from discharging sources – AKIZ project.	Vietnam, Germany	Can Tho University; Institute of Environmental Engineering and Management-Witten/Herdecke University	Leader of Sub-project
2007-2011	A research is linked to a project called “Water-related Information System for the sustainable Development of the Mekong Delta in Vietnam - WISDOM” on the package of water quality relating to pesticide use and management in agricultural	Vietnam, Germany	Can Tho University; Institute for Environment and Human Security – United Nations	Member

	production and monitoring their residues in surface water and sediment		University; University of Bonn	
2001-2006	Sub-project of VLIR E22 project: Testing and establishing of bio-indicator scoring systems for assessment of fresh surface water quality	Vietnam	Can Tho University	Member
2002-2004	Monitoring and assessment on surface water quality and proposing the score system of bio-indicator (benthic macro-invertebrates) for water quality assessment	Vietnam	Can Tho University	Member
2000-2003	Participating in research on water resource management in the Mekong Delta.	Vietnam	Can Tho University	Member

2. Books published

No	Titles	Publisher	Year of publication	Author	Co-author
1	Informatics applied for environmental engineering	Cantho University	2014	+	
2	Book chapter: Agriculture and water quality in the Vietnamese Mekong Delta. In the Mekong Delta system: Interdisciplinary analyses of a river delta.	Springer	2012		+

3. Publications

1. P.L.M Duyen, P.V.Toan, V.P.D.Tri, N.H.Chiem. 2015. Surface water quality and self-purification capacity of irrigation canal network in a full-dyke system in the My Luong town, Cho Moi district, An Giang province. Can Tho University science journal. 39. pp 97-104.
2. P.L.M.Duyen, V.P.D.Tri, **P.V.Toan**. 2015. The application of a one dimensional (1D) hydraulic model to simulate the flow dynamics and water quality changes in the full-dyke protected areas of the My Luong town, An Giang Province. Can Tho University science journal. 36. Pp18-26.
3. **Pham Van Toan**. Nguyen Phan Nhan, Bui Thi Nga. 2014. The residue concentrations of pesticide Quinalphos in surface water in rice fields and rivers in Hau Giang Province. Can Tho University science journal. 33. pp. 109-116.
4. Nguyen Phan Nhan, Bui Thi Nga **Pham Van Toan**, Lam Quang Trung. 2014. The residue of Fenobucarb in surface water at rice fields and rivers in Hau Giang province, Viet Nam. Vietnam Journal of Agriculture and Rural Development. ISBN 1859-4581. No. 240-2014. pp. 52-58.

5. **Pham Van Toan**. 2013. The situation of pesticide use and several of reduced measures for improper pesticide use in rice production in the Mekong Delta. *Can Tho University science journal*. 28. pp. 47-53.
6. **Pham Van Toan**, Zita Sebesvari, Melanie Bläsing, Ingrid Rosendahl, Fabrice G. Renaud. 2013. Pesticide management and their residues in sediments and surface and drinking water in the Mekong Delta, Vietnam. *Science of the Total Environment* 452-453.
7. Sebesvari, Z., Huong, L. T. T., **Toan, P. V.**, Arnold, U., Renaud, F. G., 2012. Agriculture and Water Quality in the Vietnamese Mekong Delta. In *Series of Springer Environmental Science and Engineering*, p.34.
8. **Pham Van Toan**, Le Hoang Viet, Zita Sebesvari and Fabrice Renaud. 2011. Pesticide residues in drinking water: a case study in a suburban area of the Lower Mekong Delta. *Can Tho University science journal*, pp. 11.
9. **Pham Van Toan**, Le Hoang Viet. 2008. Testing and establishing of bio-indicator scoring systems for assessment of fresh surface water quality in Can Tho, Vietnam. *Can Tho University science journal*. pp. 931-941.

4. Conference proceedings

1. N.V. Tuyen, P.V.Toan, V.P.D.Tri, N.H.Chiem. 2015 Designing suitable flood water storing pond for irrigation under climate change impact in semi-dyke area in the upstream province An Giang – Vietnam. Will be published the proceeding in the the First International Conference on Science, Engineering & Environment (SEE2015) Tsu city, Mie Japan.
2. P.L.M.Duyen, V.P.D.Tri, **P.V.Toan**. 2014. Flows and water quality dynamics in a full-dyke protected area in the An Giang province, Vietnamese Mekong Delta. Presented in the International Forum on Green Technology and Management – 2014 (IFGTM - 2014). Can Tho, Vietnam.
3. N.V. Tuyen, **P.V.Toan**, V.P.D.Tri, N.H.Chiem. Economic efficiency of rice cultivation and surface water quality in- and outside of full dyke systems in the Vietnamese Mekong Delta. Proceedings of the 19th IAHR-APD Congress 2014, Hanoi, Vietnam. 6pp. ISBN 978 604 82 13831.
4. **Pham Van Toan**, Zita Sebesvari, Vo Phuong Hong Loan and Fabrice Renaud. 2010. Monitoring and modeling the fate of commonly used pesticides in surface water of the Lower Mekong Delta. Proceeding of the EGU General Assembly 2010. Vienna, Austria. Vol. 12, EGU2010-743.
5. **Toan Van Pham**, Zita Sebesvari, Ingrid Rosendahl and Fabrice Renaud. 2009. Monitoring residue concentrations of recently used pesticides in surface water at two representative study sites of the lower Mekong delta Viet Nam. Proceeding of the International Session in the 18th Symposium on Environmental Chemistry. Tsukuba – Japan. 2E-11. June, 2009

V. AWARDS

- A full scholarship for PhD research on pesticide fate monitoring in the environment and pesticide management in the Mekong Delta. This research is linked to a project called “Water-related Information System for the sustainable Development Of the

Mekong Delta in Vietnam - WISDOM”, which is funded by the Federal Republic of Germany - Ministry of Research and Education – BMBF. 2007 – 2011.

- A financial support for participating in the International Session in the 18th Symposium on Environmental Chemistry. 2009. Tsukuba, Japan.
- A full scholarship of Flemish Inter-university Council (VLIR) and studied MSc. in Water Resource Engineering, The Catholic University of Leuven (KULeuven) and Free University of Brussels (VUB), Belgium. 2004 – 2006.
- A scholarship of Flemish Inte-runiversity Council (VLIR) in period of three months for short training. The training focused on water quality assessment by microorganism indicator in The Catholic University of Leuven (KULeuven) - Belgium. 2011.

(Signature, full name and title)

A handwritten signature in black ink, appearing to read 'Pham Van Toan', written in a cursive style.

Pham Van Toan