

CURRICULUM VITAE

- Program leader
 Program member

1. Full name: Van Pham Dang Tri			
2. Date of birth: May/25/1979		3. Gender: Male	
4. Title (Prof., Assoc. Prof., etc.): Assoc. Prof		Year conferred: 2015	
Educational degree (PhD, MSc, BSc): PhD		Year obtained: 2010	
English proficiency: Proficiency			
5. Position: Head of Department, Lecturer			
6. Home address: Hung Phu Ward, Cai Rang District, Can Tho City, Vietnam			
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8. Name of institution: Can Tho University			
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9. Educational profile			
Degree	Educational institution	Specialization	Graduation year
BSc	Can Tho University	Land Management	2001
MSc	Wageningen University	Soil Science	2005
PhD	School of Geography, University of Southampton	Physical Geography	2010
10. Job records¹			
Duration	Job title/position	Employer	Office address
2015 to the present	- Head and lecturer at the Department of Water Resources. - Research adviser for the Research Institute of Climate Change.	College of Environment and Natural Resources	Can Tho University, Vietnam
2014 to 2017	Postdoctoral researcher	Faculty of Geosciences, Utrecht University	the Netherlands
2011 to 2014	- Head and lecturer at the Department of Environment and Natural Resources Management - Research adviser for the Research Institute of Climate Change.	College of Environment and Natural Resources	Can Tho University, Vietnam
2010 to 2011	Postdoctoral researcher	UNESCO-IHE	the Netherlands
2006 to 2010	PhD candidate	the School of Geography	University of Southampton
2001 to 2006	Lecturer	Department of Soil Science and Land Management	Agriculture and Applied Biology, Can Tho

¹ Full-time and part-time scientific works

				University, Vietnam
11. Publications relevant to the program within the past 5 years				
No.	Publication title	Place published	Year published	Authors
	<i>International journal</i>			
1	Numerical Modelling of Tidal Damping due to Fluvial Interaction in the Mekong Delta	Coastal Engineering Journal (Technical Note) - Special Issue on Estuarine Hydrodynamics and Morphodynamics	Submitted	Hiroshi T., Nguyen Hong Quan, Le Tuan Anh, Nguyen Danh Thao, Van Pham Dang Tri , and Tran The Anh
2	Modeling the impact of future development and sea level rise on the hydrology of the Mekong River floodplains and delta	Regional Environmental Change	Submitted	Thanh Duc Dang, T. Cochrane, M.E. Arias, and Van Pham Dang Tri
3	Addressing flood management challenges under climate change and accelerating socioeconomic developments in the Vietnamese Mekong Delta	Regional Environmental Change Journal	Submitted	Long Phi Hoang, R. Biesbroek, V.P.D. Tri , M. Kumm, M.T.H. van Vliet, R. Leemans, P. Kabat, F. Ludwig
4	Climate change impacts on rice productivity in the Mekong River Delta	Applied Geography	Submitted	Kontgis C., A. Schneider, M. Ozdogan, C. Kucharik, V.P.D. Tri , N.H. Duc, J. Schatz
5	A hydrological model for interprovincial water resource planning and management: a case study in the Long Xuyen Quadrangle, Mekong Delta, Vietnam	Journal of Hydrology	2017	Hanington, P., To Quang Toan, Van Pham Dang Tri , Vu Doan Ngoc Anh, A.S. Kiem
6	Seven steps in identifying local climate change responses for agriculture in Vietnam	Journal of Tropicultura	2016	Roel, H.B., Ngo The An, Huynh Van Chuong, Le Thi Huong, Dang Kieu Nhan, Van Pham Dang Tri , H. van Gerardo
7	Climate Change Adaptation Strategies for Freshwater	Farm-scale Opportunities and Water	2016	Dang KN., To LP., Nguyen NS., Vo VH., Nguyen HT., Van PDT. ,

	Agriculture in the Coastal Mekong Delta	Management Challenges		Nguyen HT., Bosma RH., van Halsema G.
8	Flow intensification induced by tidal oscillations in tributaries of the Mekong River Int	Journal of Safety and Security Eng	2016	Hiroshi T., V.P.D Tri , T.V. Ty, N.D. Thao, L.T. Anh, G.V. Vinh
9	Hydrological alterations from water infrastructure development in the Mekong floodplains	Journal of Hydrological Processes,	2016	Dang, D.T., Cochrane A.T., Arias E.A., Van P.D.T. and De-Vries T.
10	Spatio-temporal variations of sea level around the Mekong Delta: their causes and consequences on the coastal environment	Journal of Hydrological Research Letters	2016	Hak, D., K. Nadaoka, L.P. Bernado, V.L. Phu, N. H. Quan, T.Q. Toan, N.H. Trung, D.V. Ni, and V.P.D. Tri
11	Adaptation and development trade-offs: fluvial sediment deposition and the sustainability of rice-cropping in An Giang Province, Mekong Delta	Journal of Climatic Change	2016	Chapman A.D., Stephen E., Hong M.H., Emma L.T., and Van P.D.T
12	Ocean tidal modelling for urban flood risk assessment in the Mekong Delta	Journal of Hydrological Research Letters	2016	Hiroshi., T., Tsurudome C. , Nguyen D.T., Le T.A., Tran V.T., and Van P.D.T.,
12	Combining participatory approaches and an agent-based model for better planning shrimp aquaculture	Journal of Agricultural Systems	2015	Joffre, O. M., Bosma, R. H., Ligtenberg, A., Tri, V. P. D. , Ha, T. T. P., and Bregt, A. K.
14	Sediment dynamics in the lower Mekong River: Transition from tidal river to estuary	Journal of Geophys. Res. Oceans	2015	Nowacki, D. J., A. S. Ogston, C. A. Nittrouer, A. T. Fricke, and D. T. Van Pham
15	Responding to rising sea-levels in Vietnam's Mekong Delta	Journal of Nature Climate Change	2015	Smajgl A., T.Q. Toan, D.K. Nhan, J. Ward, N.H. Trung, L.Q. Tri, V.P.D. Tri , and P.T. Vu
16	Vulnerability of flood in the Vietnamese Mekong Delta: Mapping and uncertainty analysis	Journal of Environmental Science and Engineering	2013	Van Pham Dang Tri , Nguyen Hieu Trung and Vo Quoc Thanh

17	A study of the climate change impacts on fluvial flood propagation in the Vietnamese Mekong Delta	Journal of Hydrol. Earth Syst. Sci. Discuss.	2012	Van, P.D.T. , I. Popescu, A. van Grienvan, D. Solomatine, N.H. Trung and A. Green
18	Modelling the bulk flow of a bedrock-constrained, multi-channel reach of the Mekong River, Siphandone, southern Laos	Journal of Earth Surf. Process. Landforms	2012	Van, P.D.T. , Carling, P. A. and Atkinson, P. M.
<i>Selected regional journal</i>				
1	Simulating yield and water demand of maize (<i>Zea mays. L</i>) in the dry seasons in flood-affected area of Chau Phu district, An Giang province	Science and Technology Journal of Agriculture and Rural Development	2017	Nguyen Van Tuyen, Pham Van Toan, Nguyen Huu Chiem, Le Anh Tuan, Nguyen Van Qui, Dang Kieu Nhan, Van Pham Dang Tri
2	Assessing the groundwater resources management in the Bac Lieu Province, Mekong Delta, Vietnam	Journal of Viet. Env	2016	Phan Ky Trung, Tran Thi Le Hang, Nguyen Thi My Linh, Van Pham Dang Tri
3	Community Participation in Rural Water Supply: A Case Study in My Hoa - Tra Vinh,	Journal of Science and Technology	2016	Nguyen Thi Thuy, Tran Thi Le Hang, Nguyen Thai An, Van Pham Dang Tri
4	Simulated yield and water demand for chilli pepper production in the dry seasons in flood-affected Chau Phu District	Scientific Journal of Thu Dau Mot University	2016	Nguyen Van Tuyen, Pham Van Toan, Nguyen Huu Chiem, Le Anh Tuan, Dang Kieu Nhan, Van Pham Dang Tri
5	Combined one- and twodimensional hydraulic modelling for simulating a section of the Hau river along the Can Tho City	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2016	Pham Le My Duyen, Nguyen Van Be, Dang Tram Anh and Van Pham Dang Tri
6	The participatory of stakeholders in groundwater resources management in the	Journal of Science, Can Tho University - Part A: Natural	2016	Truong Thi Thuy Quynh, Tran Thi Le Hang, Nguyen Hieu Trung and Van Pham Dang Tri

	Vinh Chau town, Soc Trang province	Sciences, Technology and Environment		
7	An integrated approach to evaluate the effects of a flood control project in Mekong Delta of Vietnam: The case study of the Southern Vam Nao	Journal of Vietnam Agricultural Science and Technology	2016	Nguyen Xuan Thinh, Truong Thanh Tan, Tran Thi Le Hang and Van Pham Dang Tri
8	Water Use Efficiency of Rice-Based Upland Crop Production Systems in Flood-Affected Chau Phu District, An Giang Province, Viet Nam	Journal of Science and Technology	2016	Nguyen Van Tuyen, Pham Van Toan, Nguyen Huu Chiem, Le Anh Tuan, Dang Kieu Nhan and Van Pham Dang Tri
9	Developing a groundwater GIS data for water supply in the Soc Trang province	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2016	Truong Thi Thuy Quynh, Nguyen Van Be, Tran Thi Le Hang, Nguyen Xuan Thinh and Van Pham Dang Tri
10	The application of a onedimensional (1D) hydraulic model to simulate dry-month flows in the Hau river	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2016	Phạm Lê Mỹ Duyên and Văn Phạm Đăng Trí
11	Classification of risk zones in agriculture under impacts of salt water intrusion in Bac Lieu province	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2016	Phan Hoang Vu, Pham Thanh Vu and Van Pham Dang Tri
12	The determination of irrigation water storage for corn in the dry seasons in Chau Phu district, An Giang province, Vietnam	Proceedings of first international conference – Science Engineering and Environment (Vol. 1)	2015	N.V. Tuyen, P.V.Toan, N.H.Chiem, L.A.Tuan and V.P.D.Tri
13	Agro-ecological dynamics in the coastal areas of the Vietnamese Mekong Delta in the context of	Can Tho University Journal of Science	2015	Vu, P.T., Vu, P.H., Tri, V.P.D. and Trung, N.H.,

	climate change (A case study in Bac Lieu province)			
14	Vulnerability assessment in the coastal plain of the Vietnamese Mekong Delta	Can Tho University Journal of Science	2015	Duyen, P.L.M., Tan, T.T., Tri, V.P.D. , Hang, T.T.L and Takagi, H.
15	Comparing the amount of water and pumping times of irrigation techniques for rice: Applying model system STELLA	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2015	Hong Minh Hoang, Van Pham Dang Tri and Nguyen Hieu Trung
16	Impacts of land use change on the hydrological characteristics of the Duong Dong river basin, Phu Quoc island	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2015	Nguyen Thi Bich Phuong, Van Pham Dang Tri and Vo Quoc Thanh
17	Salinity intrusion dynamics in a downstream river network of the Mekong river in the Vietnamese Mekong Delta under impacts of the Ba Lai culverts	Journal of Science, Can Tho University - Special issue of Environment and Climate Change	2015	Tran Thi Le Hang, Van Pham Dang Tri and Nguyen Thanh Tuu
18	The management of surface water resources in agriculture and aquaculture in coastal areas in Vietnamese Mekong Delta under impacts of climate change	Journal of Science, Can Tho University - Special issue of Environment and Climate Change	2015	Nguyen Tran Khanh, Tran Thi Le Hang, Nguyen Thuy Kieu Diem and Van Pham Dang Tri
19	Calculation of water irrigation reserve for corn in the dry seasons in the Chau Phu district, An Giang province	Journal of Science, Can Tho University - Special issue of Environment and Climate Change	2015	Nguyen Van Tuyen, Pham Van Toan, Nguyen Huu Chiem, Le Anh Tuan and Van Pham Dang Tri
20	Assessment of institutional arrangement of the groundwater resources in the Soc Trang province	Journal of Science, Can Tho University - Special issue of Environment and Climate Change	2015	Truong Thi Thuy Quynh, Tran Thi Le Hang, Vo Thi Phuong Linh, Nguyen Thuy Kieu Diem and Van Pham Dang Tri

21	Current groundwater extraction and management in the Vinh Chau town, Soc Trang province	Journal of Science, Can Tho University - Special issue of Environment and Climate Change	2015	Phan Ky Trung, Tran Thi Le Hang, Nguyen Thuy Kieu Diem, Van Pham Dang Tri
22	Spatial distribution of radiation background in the Ninh Kieu district, Can Tho city	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2015	Nguyen Thanh Nhan, Nguyen Tan Dat and Van Pham Dang Tri
23	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	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2015	Pham Le My Duyen, Pham Van Toan, Van Pham Dang Tri and Nguyen Huu Chiem
24	Impacts of climate change and available (surface) water resources for irrigation on rice yield in the alluvial and flooding-affected floodplain in the Tra Noc ward of Can Tho city	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2015	Hong Minh Hoang and Van Pham Dang Tri
25	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	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2015	Pham Le My Duyen, Van Pham Dang Tri and Pham Van Toan
26	Surface water resources management for rice farming systems in the coastal areas of the Vietnamese Mekong Delta	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2014	Hong Minh Hoang, Van Pham Dang Tri and Nguyen Hieu Trung
27	Water dynamics in a downstream main river network of the Mekong	Journal of Science, Can Tho University - Part	2014	Tran Thi Le Hang, Van Pham Dang Tri and Nguyen Thanh Tuu

	River in the Vietnamese Mekong Delta under impacts of the Ba Lai sluice gate	A: Natural Sciences, Technology and Environment		
28	Assessing the farming systems changes based on water resources indicators in the Nga Nam district, Soc Trang province Vietnamese Mekong Delta	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2014	Mai Thi Ha, Van Pham Dang Tri and Nguyen Hieu Trung
29	Application of two-dimensional hydrodynamic model for simulations of hydraulic characteristics and deposition and erosion in the Dinh An estuary	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2014	Nguyen Phuong Tan, Van Pham Dang Tri and Vo Quoc Thanh
30	Agro-ecological zoning based on surface water resources dynamics in Soc Trang	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2014	Nguyen Thi My Linh, Nguyen Van Be, Van Pham Dang Tri , Mai Thi Ha, Pham Minh Chien and Pham Le My Duyen
31	Adaptation to Saline Intrusion in the Coastal area of Vĩnh Châu, the Vietnamese Mekong Delta	VNU Journal of Earth and Environmental Sciences	2013	Hagenvoort, J.E.J. and Van Pham Dang Tri
32	Adjustment of dynamically downscaled rainfall data in the Vietnamese Mekong Delta	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2013	Hong Minh Hoang and Van Pham Dang Tri
33	Assessing hydrological and land use dynamics in the Mekong Delta, Vietnam	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2013	Vo Thi Phuong Linh, Van Pham Dang Tri , Nguyen Hieu Trung, Vo Quoc Thanh and Nguyen Thanh Tuu
34	A comparison of rainfall forecast models for Can Tho city -	Journal of Science, Can Tho University -	2013	Do Thanh Nghi, Pham Nguyen Khang, Nguyen Nhi Gia Vinh, and Van

	Vietnam	Special issue of Information Technology		Pham Dang Tri
35	Application of the Aquacrop model to simulate rice yield in the context of climate change in the Northern area of the national road No. 1A, Bac Lieu province	Science and Technology Journal of Agriculture and Rural Development	2013	Vuong Tuan Huy, Van Pham Dang Tri , Pham Thanh Vu, Le Quang Tri, and Nguyen Hieu Trung
36	Variability of water salinity and properties of sugarcane soils at Cu Lao Dung, Soc Trang	Science and Technology Journal of Agriculture and Rural Development	2013	Le Tan Loi, Van Pham Dang Tri , and Ngo Ngoc Hung
37	Impacts of Local Hydrological Changes on Land Use in the Cau Ke, Tieu Can, and Cau Ngang Districts, Tra Vinh Province	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2013	Van Pham Dang Tri , Vo Thi Phuong Linh, and Nguyen Hieu Trung
38	Application of one-dimensional hydrodynamic model to assess the historical saline intrusion dynamics and to predict the future dynamics in the main river network in the Tra Vinh province	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2013	Lam My Phung, Van Pham Dang Tri , and Tran Quoc Dat
39	Application of a hydrodynamic model to simulate hydraulic properties and water quality in the Xang Channel, the Soc Trang City	Journal of Science, Can Tho University - Part A: Natural Sciences, Technology and Environment	2013	Truong Thi Yen Nhi, Van Pham Dang Tri , Nguyen Thuy Kieu Diem, and Nguyen Hieu Trung
40	Flow dynamics in the Long Xuyen Quadrangle under the impacts of full-dyke systems and sea level rise	VNU Journal of Science, Earth Sciences	2012	Van Pham Dang Tri , Nguyen Hieu Trung, and Nguyen Thanh Tuu
41	Application of the CropWat model to evaluate rice yield in	Scientific Journal of Cantho University	2012	Nguyen Thi My Hanh, Tran Van Ty, Huynh Vuong Thu Minh, and

	the semi-dyke protected area in the An Giang Province in the context of meteorological changes			Van Pham Dang Tri
42	Understanding the existing land use systems and forecasting possible change after climate change in Vinh Chau district, Soc Trang province	Scientific Journal of Cantho University	2012	Pham Le My Duyen, Van Pham Dang Tri , and Nguyen Hieu Trung
43	Evaluation of the impacts of temperature and rainfall changes on rice yield in the semi-dyke protected area in An Giang province	Scientific Journal of Cantho University	2012	Nguyen Thi My Hanh, Tran Van Ty, Huynh Vuong Thu Minh, and Van Pham Dang Tri
	<i>Regional and International Conference</i>			
43	Water to Change – A vision from the physical to socio-economic aspects	Mekong Environmental Symposium	2013	Van Pham Dang Tri , Nguyen Hieu Trung
44	An uncertainty perspective with projected climate change in hydrodynamic modelling for deltaic fluvial floods	The International Conference on GeoInformatics for Spatial-Infrastructure Development in Earth & Allied Sciences (GIS-IDEAS)	2012	Van Pham Dang Tri , Nguyen Hieu Trung
45	Vulnerability to flood in the Vietnamese Mekong Delta: Mapping and uncertainty assessment	The International Conference on GeoInformatics for Spatial-Infrastructure Development in Earth & Allied Sciences (GIS-IDEAS)	2012	Van Pham Dang Tri , Nguyen Hieu Trung, Vo Quoc Thanh
46	Agro-ecological zones in the Vietnamese Mekong Delta: The present conditions and changes under threats of climate change	The 4th International Conference on Vietnam Studies. Vietnam Academy of	2012	Nguyen Hieu Trung, Van Pham Dang Tri , Vo Thi Phuong Linh

		Social Sciences in collaboration with the National University of Hanoi. Ha Noi, Vietnam		
47	Projecting future fluvial floods in the climate change contexts: A case study of the Vietnamese Mekong Delta	From the river banks to the coast: Integrated approaches of land and water use coping with climate change in the Mekong Delta. Can Tho, Vietnam.	2012	Van, P.D.T., D. Solomatine, I. Popescu, A. van Griensven and N.H. Trung
12. Research projects/programs participating or leading relevant to the field of study within the past 5 years				
	Title of the project/program leading	Duration <i>(from ... to ...)</i>	Date completed and brief description of results	Category <i>(national, ministry, institutional, collaborative, etc.)</i>
	Developing a crop-water model to estimate possible changes of rice yield in the coastal areas of the VMD in the context of climate change	2013		Wageningen University – Netherlands
	Title of the project/program participating	Duration <i>(from ... to ...)</i>	Date completed and brief description of results	Category <i>(national, ministry, institutional, collaborative, etc.)</i>
	Community-based environmental monitoring using social media for the Mekong Delta – a salinity monitoring prototype	2011 - 2014	2014	USAID, USGS, IUCN
	Adaptation to Climate Change: Land-use Innovative Models Applied To Environmental management -	2012 - 2014	2014	Peers – France

ACCLIMATE.			
Climate Change affecting Land Use in the Mekong Delta: Adaptation of Rice-based Cropping Systems	2011 - 2014	2014	ACIAR, IRRI
To investigate sediment flux through the Song Hau mouth and adjacent tidal channels	2012 - 2013	2013	Washington University, USA
13. List of publications/projects/programs/research results/technologies relevant to the field of study which have been applied in/transferred to society/industry (if any)			
No.	Title of the publication/project/program/research result/technology	Brief description of the application/technology transfer (methods, scales, users, etc.)	Duration of impact
1			
2			
...			
14. List of scientific awards relevant to the field of study (if any)			
No.	Award title and brief description	Year awarded	
1			
2			
...			
15. Other relevant scientific achievements (if any)			

Date:

HEAD OF THE INSTITUTION
(Sign and seal)

PROGRAM LEADER/MEMBER



VAN PHAM DANG TRI