

HO HUU LOC

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EDUCATION

Kyoto University, Japan

- PhD of Environmental Engineering (Oct 2015 – Sep 2017), specialized in Ecosystem Services

Asian Institute of Technology, Thailand and Polytech Nice Sophia, France (dual degree)

- Master in Water Engineering and Management (Sept 2012 - Dec 2014), specialized in Urban Flood Modeling

Hochiminh City University of Technology, Vietnam

- Bachelor of Civil Engineering (Sep 2004 – Aug 2009), specialized in Water Distribution Systems

WORK EXPERIENCE

NEWRI/NTU, Environment Process Modeling Centre, Singapore (June 2018 – up to now)

- Catchment modelling to investigate the influence of solar panels on water quality using PCSWMM
- Workshop training for PCSWMM users in Vietnam
- Lecturing in Ecosystem Services and Sustainability

Nguyen Tat Thanh University, Hochiminh City, Vietnam (Sep 2017 – Jun 2018)

- Team Leader of Natural Resource and Environment Management Group

Center of Water Management and Climate Change (Sep 2017 – Jun 2018)

- Adjunct Researcher
- Coordinating two national projects: “*Research for Agricultural Production Transformation to cope with Salinity Intrusion in South Western Region of Vietnam’s Mekong Delta*” and “*Research on the changes of ecological environment of Vietnam’s Lower Mekong River Basin and Impact Assessment of Unregulated Economic Activities in the Upper Mekong River*”

Utility Business Alliance, Bangkok, Thailand (Feb 2014 – Aug 2014)

- Civil Engineer & Collection System Supervisor for Din Daeng Waste Water Treatment Plant

Hochiminh City Steering Center for Flood Control Program (Sep 2009 – Aug 2012)

- Project Officer

SKILLS

- Water-related Modelling: PCSWMM, EpaNET, SWMM, Mike 11 & 21, Hec-Resim, Hec-HMS, QUAL2K, ...
- Data analysis: R
- Socio-economic Analysis: MCA, CBA, AHP, ...
- Languages: English (IELTS 8.0), Vietnamese (mother tongue)

PUBLICATIONS

- Loc, H. H.,** Babel, M. S., Weesakul, S., Irvine, K. N., & Pham, M. D. (2015). Exploratory Assessment of Sustainable Urban Drainage Systems (SUDS) Feasibility in Nhieu Loc-Thi Nghe Basin, Ho Chi Minh City, Vietnam.
- Loc, H. H.,** Irvine, K. N., Diep, N. T. H., Quyen, N. T. K., Tue, N. N., & Shimizu, Y. (2016). The legal aspects of Ecosystem Services in agricultural land pricing, some implications from a case study in Vietnam's Mekong Delta. *Ecosystem Services*.
- Loc, H. H.,** Diep, N. T. H., Can, N. T., Irvine, K. N., & Shimizu, Y. (2017). Integrated evaluation of ecosystem services in prawn-rice rotational crops, Vietnam. *Ecosystem Services*, 26, 377-387.
- Loc, H. H.,** Duyen, P. M., Ballatore, T. J., Lan, N. H. M., & Gupta, A. D. (2017). Applicability of sustainable urban drainage systems: an evaluation by multi-criteria analysis. *Environment Systems and Decisions*, 37(3), 332-343.
- Loc, H. H.,** Diep, N. T. H., Tuan, V. T., & Shimizu, Y. (2018). An analytical approach in accounting for social values of ecosystem services in a Ramsar site: A case study in the Mekong Delta, Vietnam. *Ecological Indicators*, 89, 118-129.
- Loc, H. H.,** Ballatore, T. J., Irvine, K. N., Nguyen, T. H. D., Truong, T. C. T., & Yoshihisa, S. (2018). Socio-geographic indicators to evaluate landscape Cultural Ecosystem Services: A case of Mekong Delta, Vietnam. *Ecosystem Services*, 31, 527-542.