

BIOGRAPHY

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Nguyen Thi Lan Huong is a Lecturer and Researcher at Thuyloi University, Vietnam. She obtained a Bachelor's and Master's degree in Soil Science from the National University of Vietnam. She completed a Master's degree in Environmental Science from the University of Sydney in 2002 and a Ph.D. degree in Agricultural Science from Kyushu University, Japan (2008). She subsequently joined a postdoctoral program at Kyushu University (2008 – 2010). Following this, she became Associated Professor at Thuyloi University in Vietnam in 2014 and was a visiting researcher at the University of Queensland, Australia, in 2016.

Assoc. Prof Huong is currently a team leader and chief researcher in number of both national and international projects level belonging to the Ministry of Science and Technology (MOST) - Vietnam, Australia Embassy in Vietnam, Newton fund (United Kingdom), Agency France Development, and World Bank which related to agricultural practice and sustainability in Vietnam. Examples of these projects include the simulation and prediction of rainfall and pollutant run-off to optimize integrated water management for Cau River basin using GIS-based distributed parameters model, the effect of irrigated water from the Nhue River on the accumulation of heavy metals in the agricultural soil and constructing the model to predict the pollutant diffusion of heavy metals in the agricultural soil, and the effects of POPs in the sediment of Cau Bay River to Irrigated water and agricultural soil in Kieu Ki commune and proposed solutions. Also, she is currently leading a strong research team of Thuy Loi University focused on designing of artificial filtration yards to treat wastewater, especially agricultural wastewater. Over her research career, she has attained high level of academic achievements: published more than 50 journals and international conference papers and 3 textbooks. As indicated, all her project management and research are related to, or support agricultural technology development, water management and water quality, agricultural wastewater treatment technology, and soil management.

