

## CURRICULUM VITAE

**Full name:** LAVANE KIM  
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### Education

- Ph.D. Civil Engineering. University of Hawai'i at Manoa. 2015
- MS. Civil Engineering. University of Hawai'i at Manoa. 2010
- BS. Environmental Engineering. University of Technology, Viet Nam National University - Ho Chi Minh City. 2003

### Awards and Fellowships

- 2013-2015. Teaching assistant
- 2012-2014. Vietnam Education Foundation Fellowship
- 2011-2012. Research assistant
- 2008-2010. Ford Foundation International Fellowship Award

### Projects

- Study possible techniques to treat soil, water and air pollution in the specific context of the Vietnamese Mekong Delta. ODA project (2017-2020)

### Publications

1. **Lavane Kim**. 2017. Phosphate Solubilizing Microorganisms Isolated from Manoa Soil in Oahu, Hawai'i. *Journal of science Can Tho University*. Vol. 05. pp. 80-86.
2. Nguyễn Lê Phương, Nguyễn Võ Châu Ngân, **Kim Lavane**, Nguyễn Thị Ngọc Trang, Dương Ngọc Trâm, Nguyễn Văn Liêm, Thạch Hải . 2016. Study on co-fermentation of cow dung and giant dirt in semi-continuous anaerobic digesters. *Journal of Science and Technology* 54(2A). 287 – 292.
3. **Lavane Kim**, Eulyn Pagaling, Yi Y. Zuo, and Tao Yan\* (2014). Impact of Substratum Surface on Microbial Community Structure and Treatment Performance in Biological Aerated Filters. *Applied and Environmental Microbiology*. 80(1), 177-
4. Jessica M. Shelton, **Lavane Kim**, Jiasong Fang, Chittaranjan Ray, and Tao Yan\*. 2011. Assessing the Severity of Rainfall-Derived Infiltration and Inflow and Sewer Deterioration Based on the Flux Stability of Sewage Markers. *Environmental Science and Technology*. 2011, 45, 8683–8690.