



Assistant Professor Li Liang, Ph.D.

POSITION: Assistant Professor

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EDUCATION:

- Doctor of Philosophy (Engineering and Technology): Environmental Technology, Sirindhorn International Institute of Technology, Thammasat University, Thailand
- Master of Science: Regional and Rural Development Planning, Asian Institute of Technology, Thailand
- Bachelor of Management: Accounting, Northeastern University, China

HONORS AND AWARDS:

- TU Research Publication Award in the First Round of Fiscal Year 2022
- TU Research Publication Award in the Second Round of Fiscal Year 2022
- FPH grant support of writing a large-scale proposal in Fiscal Year 2022
- FPH research grant support in Fiscal Year 2021
- FPH research grant support in Fiscal Year 2017

RESEARCH INTERESTS:

- Environmental health
- Solid waste management
- E-waste
- Environmental performance assessment
- Environmental technology

PUBLICATIONS:

Journal Articles

- Numfon Eaktsang, Yanasinee Suma, Sompoke Kingkeaw, Li Liang, and Jarupon Mahiphot. (2022). Energy recovery of refuse derived fuel components from municipal solid waste in Bangkok, Thailand. *EnvironmentAsia*, 15(2), 54-64. doi: 10.14456/ea.2022.33
- Li Liang. (2021). Consumer attitudes toward e-waste reuse and recycling in selected villages in Thailand, Vietnam, Japan, and China. *The Journal of Solid Waste Technology and Management*, 47(4), 696-704.
- Li Liang. (2021). Perceptions of residents toward e-waste reuse and recycling in selected villages in Thailand, Vietnam, Japan, and China. *International Journal of Environment and Waste Management*, 28(4), 506-520. doi: 10.1504/IJEWMM.2021.10032504.
- Hien Thi Thu Ngo, Pensri Watchalayann, Diep Bich Nguyen, Hai Ngoc Doan, and Li Liang. (2021). Evaluation of heavy metal exposure pathways on children from an informal e-waste processing village in Viet Nam. *Human and Ecological Risk Assessment: An International Journal*, 27(9-10), 2342-2358. doi: 10.1080/10807039.2021.2000362.
- Hien Thi Thu Ngo, Pensri Watchalayann, Diep Bich Nguyen, Hai Ngoc Doan, and Li Liang. (2021). Environmental health risk assessment of heavy metal exposure among children living in an informal e-waste processing village in Viet Nam. *Science of the Total Environment*, 763, 142982. doi: 10.1016/j.scitotenv.2020.142982.
- Hien Thi Thu Ngo, Li Liang, Diep Bich Nguyen, Hai Ngoc Doan, and Pensri Watchalayann. (2021). Blood heavy metals and DNA damage among children living in an informal e-waste processing area in Vietnam. *Human and Ecological Risk Assessment: An International Journal*, 27(2), 541-559. doi: 10.1080/10807039.2020.1736985
- Hien Thi Thu Ngo, Li Liang, Diep Bich Nguyen, Hai Ngoc Doan, and Pensri Watchalayann. (2020). Environmental pollution of heavy metals in a Vietnamese informal e-waste processing village. *Applied Environmental Research*, 42(1), 71-84. doi: 10.35762/AER.2020.42.1.6
- Li Liang and Alice Sharp. (2017). Determination of the knowledge of e-waste disposal impacts on the environment among different educational and income levels in China, Laos, and Thailand. *Journal of Material Cycles and Waste Management*, 19(2), 906-916. doi: 10.1007/s10163-016-0493-0



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PUBLICATIONS (CONT.):

Conference Proceedings

- Elizabeth Wariva, Rodger Doran, and Li Liang. (2019). Issues of sustainability of rural community WASH Programs in the transition from Millennium Development Goal to Sustainable Development Goal in Southern Africa. In: Proceedings of the 6th annual international conference on New Voices in global health and development 2019: Globalization and health equity, Bangkok, Thailand, 5 April 2019, pp.243-251.
- Rajesh Prasad Chaudhary, Li Liang, and Shekh Mohammad Altafur Rahman. (2019). Post-earthquake humanitarian assistance and its effects on the health system in Nepal. In: Proceedings of the 6th annual international conference on New Voices in global health and development 2019: Globalization and health equity, Bangkok, Thailand, 5 April 2019, pp.194-202.
- Sharada Basnet, Marc Van der Putten, and Li Liang. (2019). Successful family planning in Bangladesh: Lessons to be learned for Nepal. In: Proceedings of the 6th annual international conference on New Voices in global health and development 2019: Globalization and health equity, Bangkok, Thailand, 5 April 2019, pp.125-129.