



Assoc. Prof. Li Liang, Ph.D.

POSITION: Associate 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 AWARD:

- TU Research Publication Award in the First Round of Fiscal Year 2025
- TU Research Publication Award in the Second Round of Fiscal Year 2025
- 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

RESEARCH INTERESTS:

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

PUBLICATIONS:

- Guannv Lin, Fan Wei, Jinhui Li, Li Liang, Hien Thi Thu Ngo, Zhengyang Zhang, and Quanyin Tan. (2026). Carbon reduction potential of international secondary resource circulation: A case study among six major trading economies. *Environmental Impact Assessment Review*, 116, 108101. <https://doi.org/10.1016/j.eiar.2025.108101>
- Md. Jainal Abedin, Supat Wangwongwatana, Md. Nurul Huda Bhuiyan, Mohammad Moniruzzaman, Quanyin Tan, and Li Liang. (2025). Health risk assessments of worker exposure to heavy metals in informal e-waste recycling communities in Chattogram City, Bangladesh. *Chinese Journal of Analytical Chemistry*, 53(12), 100654. <https://doi.org/10.1016/j.cjac.2025.100654>
- Md. Jainal Abedin, Supat Wangwongwatana, Md. Nurul Huda Bhuiyan, Mohammad Moniruzzaman, Saowanee Nor-kaew, Quanyin Tan, and Li Liang. (2025). Assessments of heavy metal contamination found in environmental samples from informal e-waste recycling communities in Chattogram City, Bangladesh. *Journal of Hazardous Materials Advances*, 19, 100845. <https://doi.org/10.1016/j.hazadv.2025.100845>
- Hien Thi Thu Ngo, Phuong Minh Nguyen, Atsuko Ikeda-Araki, and Li Liang. (2024) Environmentally sound recycling of e-waste: A sustainable method toward a more resource-efficient circular economy. In: Stefanakis, A.I., Nikolaou, I.E. (eds) *Circular Economy and Sustainable Development*. Circular Economy and Sustainability. Springer, Cham. https://doi.org/10.1007/978-3-031-66007-8_24
- Adedoyin Bankole, Akinyemi Ogunkeyede, Hien Ngo, Li Liang, Harrison Agboro, Khadijah Isimekhai, Ekaette Fadairo, Gospel Isangadighi, Efe Isukuru, Charles Ogbodhu. (2024). Ecological risks of heavy metals found in soils at informal e-waste processing sites in Nigeria. *European Journal of Science, Innovation and Technology*, 4(2), 417-434.



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PUBLICATIONS:

- Andrea Koenig, Jartrah Sappayabanphot, Li Liang, Steffen Flessa, and Volker Winkler. (2024). The impact of the health microinsurance M-FUND on the utilization of health services among migrant workers and their dependents in Thailand: A case-control study. *Journal of Migration and Health*, 9, 100236. <https://doi.org/10.1016/j.jmh.2024.100236>
- Numfon Eaktasang, 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/IJEW.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