

BIOGRAPHY

Name: Bui Quoc Lap

Email: buiquoclap@tlu.edu.vn

Address: Thuyloi University
175 Tay Son Street - Dong Da District - Hanoi - VIETNAM



Dr. Bui Quoc Lap finished his PhD study at Kyushu University, Japan in 2007, Post-Doctor (2007 - 2009) funded by Japan Society for the Promotion of Science(JSPS). He was promoted to Associate Professor of Thuyloi University (Water Resources University-WRU as former name) in 2013. His research interests cover topics of environmental monitoring and assessment, environmental modelling, water & wastewater treatment, environmental risk assessment. 9 research projects ranging from university- to national level have been completed by him as the principal investigator. He is the main and co-authors of 6 books related to environmental management and engineering and 56 scientific papers and conference reports. He has completely supervised one PhD student, 32 Master students and many undergraduate students. Besides research and education activities, He also involves in consulting activities as a team leader of many projects related to environmental impact assessment (EIA), strategic environmental assessment (SEA), etc.

Main publications

1. **Bui Quoc Lap***, Thi-Thu-Hong Phan, Huu Du Nguyen, Le Xuan Quang, Phi Thi Hang, Nguyen Quang Phi, Vinh Truong Hoang, Pham Gia Linh, Bui Thi Thanh Hang (2023) Predicting Water Quality Index (WQI) by feature selection and machine learning: A case study of An Kim Hai irrigation system. *Ecological Informatics*, ISSN: 1574-9541 (print); 1878-0512 (electronic), Elsevier (SCIE, Q1; IF:4.498)
2. **Bui Quoc Lap***, Nguyen Hoai Nam, Bui Thi Kim Anh, Trinh Thi Thuy Linh, Le Xuan Quang, Vu Duc Toan, Sandhya Babel, Thi-Thu-Hong Phan (2021) Monitoring water quality in Lien Son irrigation system of Vietnam and identification of potential pollution sources by using multivariate analysis. *Water, Air, & Soil Pollution*, 232(187), ISSN: 0049-6979 (print); 1573-2932 (electronic), Springer (SCIE, Q2; IF:2.984)
3. **Bui Quoc Lap***, Nguyen Vu Duc Thinh, Nguyen Tri Quang Hung, Nguyen Hoai Nam, Huyen Thi Thanh Dang, Ho Thanh Ba, Nguyen Minh Ky, Huynh Ngoc Anh Tuan (2021) Assessment of Rice Straw-Derived Biochar for Livestock Wastewater Treatment. *Water, Air, & Soil Pollution*, 232(4), ISSN: 0049-6979 (print); 1573-2932 (electronic), Springer (SCIE, Q2; IF:2.984)
4. Trinh Thi Tham, **Bui Quoc Lap***, Ngo Tra Mai, Nguyen Thanh Trung, Pham Phuong Thao, Nguyen Thi Lan Huong (2021) Ecological Risk Assessment of Heavy Metals in Sediments of Duyen Hai Seaport Area in Tra Vinh Province, Vietnam. *Water, Air, & Soil Pollution*, 232(2), ISSN: 0049-6979 (print); 1573-2932 (electronic), Springer (SCIE, Q2; IF:2.984)
5. **Bui Quoc Lap*** and Dang Thuan Ta (2020) Analysis of the Principal Factors Affecting the Algae Growth in an Urban Eutrophic Shallow Lake by an Ecosystem Model, *Water, Air, & Soil Pollution*, 231(11), ISSN: 0049-6979 (print); 1573-2932 (electronic), Springer (SCIE, Q2; IF:2.984)
6. H. T. Nhut, N. T. Q. Hung, **B. Q. Lap***, L. T. N. Han, T. Q. Tri, N. H. K. Bang, N. T. Hiep, N. M. Ky (2020) Use of Moringa oleifera seeds powder as bio-coagulants for the surface water treatment. *International Journal of Environmental Science and Technology*, ISSN: 1735-1472 (print); 1735-2630 (electronic), Springer (SCIE, Q1; IF:3.519)
7. Bui Thi Kim Anh, Nguyen Van Thanh, Nguyen Minh Phuong, Nguyen Thi Hoang Ha, Nguyen Hong Yen, **Bui Quoc Lap***, Dang Dinh Kim (2020) Selection of Suitable Filter Materials for Horizontal Subsurface Flow Constructed Wetland Treating Swine Wastewater. *Water, Air, & Soil Pollution*, 231(2), ISSN: 0049-6979 (print); 1573-2932 (electronic), Springer (SCIE, Q2; IF:2.984)