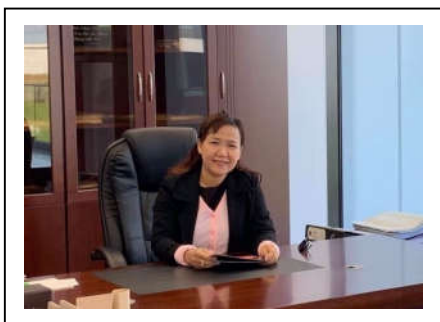




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PhD supervisor



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Potential areas for PhD supervision:

- ~ Renewable energy
- ~ Environmental Engineering
- ~ Waste management

Supervising experience:

- 2 PhD students
- 11 Master students

Employment history in last 5 years:

2014 – present Ho Chi Minh City University of Natural Resources and Environment

Awards

- 2020 Top 23/100 Asian Scientist 2020 Asian Scientist
- 2019 The L'oreal-UNESCO for Women in Science National Award 2019
- 2019 The 3rd Award of Ho Chi Minh City Creative Awards-2019
- 2019 The 1st award, the 21th Euréka Science Research Student Award 2019 (Advisor)

Education – since bachelor degree:

- Doctorate of Chemical Engineering/Nano-electrochemistry for Renewable Energy, Department of Chemical Engineering, National Taiwan University of Science and Technology, 2011.
- Master of Chemical Engineering, Ho Chi Minh University of Technology-Vietnam National University, Ho Chi Minh City, 2006.
- Bachelor of Chemical Engineering, Ho Chi Minh University of Technology-Vietnam National University, Ho Chi Minh City, 2003.

Selected recent papers:

1. Hau Quoc Pham, Tai Thien Huynh, Anh Tram Ngoc Mai, Thang Manh Ngo, Long Giang Bach, **Van Thi Thanh Ho***, 2019 Wire-like Pt on mesoporous Ti0.7W0.3O2 Nanomaterial with Compelling Electro-Activity for Effective Alcohol Electro-Oxidation” Scientific Report, 9, 14791 (2019) (*SCI; IF = 4.525; Q1*).



2. At Van Nguyen, Tai Thien Huynh, Hau Quoc Pham, Vi Thuy Thi Phan, Son Truong Nguyen, **Van Thi Thanh Ho***, 2018, "Novel nanorod $Ti_{0.7}Ir_{0.3}O_2$ prepared by facile hydrothermal process: A promising non-carbon support for Pt in PEMFC", International Journal of Hydrogen Energy, 44, 2361-2371 (2018) (*SCI*; *IF* = 4.939; *Q1*).
3. **Thi Van Thanh Ho**, Minh Pham Dang, Thoa Lu Tu, Tai Huynh Thien & Long Giang Bach, Assessing the Ability to Treat industrial Wastewater by Constructed Wetland Model Using the *Brachiaria mutica*, Waste and Biomass Valorization, 39, (2020).
4. **Van Thi Thanh Ho**, Minh Pham Dang, Lam Tu Lien, Tai Thien Huynh, Tran Van Hung & Long Giang Bach, Study on Domestic Wastewater Treatment of the Horizontal Subsurface Flow Wetlands (HSSF CWs) Using *Brachiaria mutica*, 69, (2020).
5. Hau Quoc Pham, Tai Thien Huynh, Long Giang Bach, **Van Thi Thanh Ho**, Synthesis and characterization the multifunctional nanostructures $Ti_xW_{1-x}O_2$ ($x = 0.5$; 0.6 ; 0.7 ; 0.8) supports as robust non-carbon support for Pt nanoparticles for direct ethanol fuel cells, <https://doi.org/10.1016/j.ijhydene.2020.03.066>, (2020) (*SCI*; *IF* = 5.578 ; *Q1*).