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PhD supervisor



HOANG THI THANH THUY

Associate Professor

Ministry of Natural Resources and Environment

Ho Chi Minh City University of Nature

Resources and Environment



Language(s): English, German, Vietnamese

Contact: Geology and Mineral Resources Faculty

Phone: 84983029127 **E-mail:** htthuy@hcmunre.edu.vn

Potential areas for PhD supervision:

- ~ Environmental Geochemistry
- ~ Sustainable Mining students

Supervising experience:

8 Msc students
1 PhD student, 4 Master students

Employment history in last 5 years:

2009 – present Ho Chi Minh City University of Natural Resources and Environment.

Membership of professional association:

- 1993-2000 Member of General Department of Geology and Mineral of Vietnam, Viet Nam.
- 2000-2004 Technician Staff of General Department of Geology and Mineral of Vietnam, Viet Nam.
- 2004-2009 Lecturer/Researcher of Institute of Environment and Resources, Viet Nam.
- 2009 – Present Head of Department of Geology and Mineral Resources Faculty, Ho Chi Minh City University of Natural Resources and Environment.

Education – since bachelor degree:

- Doctorate of Applied Geology, University of Erlangen-Nuremberg, Germany, 1998.
- Bachelor of Geology Exploration, Hanoi University of Mining and Geology, Ha Noi City, Viet Nam, 1992.



Selected recent papers:

1. **Thuy HTT**, Loan TTC, Luu PT, Dong NV, Bao LD, Phuong TH, Khanh NT, Yen TTH, Huy DX: Spatial and temporal variations of PAHs in surface sediments of estuarine and coast of CanGio wetland, Vietnam, *Environmental Science and Pollution Research/Springer*, 2020, doi: 10.1007/s11356-020-08523-8.
2. Luu PT, **Thuy HTT**, Loan TTC, Yen TTH, Bao LD, Dong NV, Huy DX and Nam TV: Bioaccumulation and health risk assessment of polycyclic aromatic hydrocarbons in oyster (*Crassostrea* sp.) and gastropod (*Cymatium* sp.) species from the Can Gio Coastal Wetland in Vietnam, *Marine and Freshwater Research/Csiro publishing*, 2019, doi: 10.1071/MF19055.
3. **Thuy HTT**, Loan TTC, Phuong TH: The potential accumulation of polycyclic aromatic hydrocarbons in phytoplankton and bivalves in Can Gio coastal wetland, Vietnam. *Environmental Science and Pollution Research*, 2018, 25(18):17240-17249.
4. **Thuy HTT**, Loan TTC: Degradation of Selected Pharmaceuticals in Coastal Wetland Water and Sediments, *Water Air Soil Pollution*, 2014, 225:1940.
5. **Thuy HTT**, Tuan ND: The potential environmental risks of pharmaceuticals in Vietnamese aquatic systems: case study of antibiotics and synthetic hormones. *Environmental Science and Pollution Research*, 2013, 20(11):8132-8140.
6. **Thuy HTT**, Nga LP, Loan TT, Quoc DP: A preliminary study on the phytoremediation of antibiotic contaminated sediment. *International Journal of Phytoremediation*, 2013,15(1):65-76.
7. **Thuy HTT**, Nga LP, Loan TT, Quoc DP, Phuong TH: Fate of fluoroquinolone antibiotics in Vietnamese coastal wetland ecosystem. *Wetlands Ecology and Management*, 2012, 20:399-408.
8. **Thuy HTT**, Nga LP, Loan TT: Antibiotic contaminants in coastal wetlands from Vietnamese shrimp farming. *Environmental science and pollution research international*, 2011,18(6):835-841. Number of citations:
9. Bert V, Seuntjens P, Dejonghe W, Lacherez S, **Thuy HT**, Vandecasteele B: Phytoremediation as a management option for contaminated sediments in tidal marshes, flood control areas and dredged sediment landfill sites. *Environmental science and pollution research international*, 2009,16(7):745-764.
10. **Thuy HTT**, Vy NNH, Loan TTC: Anthropogenic input of selected heavy metals (Cu, Cr, Pb, Zn and Cd) in the aquatic sediments of Hochiminh City, Vietnam. *Water air and soil pollution*, 2007,182(1-4):73-81.
11. **Thuy HTT**, Tobschall HJ, An PV: A Statistical Interpretation for the Source Identification of Trace Elements in Surface Soils of Danang-Hoian Area, Vietnam. *Asian Journal of Water, Environment and Pollution*, 2005, 2(1):71-75.