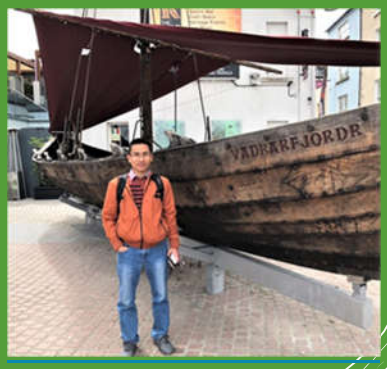
CURRICULUM VITAE



Depart. of Environmental Technology Trau Quy, Gia Lam, Hanoi

+ 84 904962838

nguyenngoctu@vnua.edu.vn

Nguyen Ngoc Tu

Education

[VNU University of Science]

1997-2001: Bachelor of Environmental Science

[Hanoi University of Science and Technology]

2005-2007: Master of Environmental Technology

[VNU University of Science]

2014-2020: Bachelor of Environmental Science

Research interest

- Environmental Engineering
- Wastewater treatment
- Environmental pollution

Projects

- Surveying, evaluating and developing noise pollution maps and solutions to minimize noise pollution caused by road and railway traffic activities at some important traffic axes of Hanoi and regional planning Hanoi to 2030. Ministry level during 2009 – 2010.
- Calculating and designing the technological diagram of wastewater treatment within the Hanoi University of Agriculture. Funded by Vietnam National University of Agriculture during 2009 – 2010.
- Research specific characteristics of natural nanoparticles (nanoclay) and Cr^{6+} treatment application in electroplating wastewater. Funded by Vietnam National University of Agriculture during 2013 – 2014.
- Research the process of creating biochar and tectosilicate from agricultural by-products to create a source of materials for environmental treatment. Funded by Vietnam National University of Agriculture during 2015-2016.
- Research and manufacture of Tectosilicate mineral material from rice husk ash and application to reduce the mobility of Pb2+ metal in soil. Funded by Vietnam National University of Agriculture during 2016 – 2017.
- Investigating and evaluating the current status of agricultural biodiversity in Nghe An province and proposing solutions for conservation and development. Funded by Nghe An Province during 2013 – 2014.

- Investigating and evaluating to determine the scope and level of pollution, formulating plans for handling polluted chemical pollutant points to be treated by 2020 in Nam Dan district under Decision No. 1946/QD-TTg dated October 21, 2010 of the Prime Minister. Funded by Nghe An Province during 2013 – 2014.
- Investigating and evaluating the current situation of exploitation and use of water resources and discharging waste water into water sources in Vinh city, Cua Lo town and Hung Nguyen and Nam Dan districts, Nghe An province. Funded by Nghe An Province during 2014 – 2015
- Planning for biodiversity conservation in Nghe An province up to 2020 and a vision to 2030. Funded by Nghe An Province during 2015 – 2016
- Investigation and assessment of land quality in Nghe An province. Funded by Nghe An Province during 2017 – 2019
- Research and build a model for treating chemical residues in pesticide packaging by fenton optical method. Funded by Vietnam National University of Agriculture in 2019

Publications

- Nguyen Ngoc Tu, Nguyen Thi Thu Ha, Vo Huu Cong, Trinh Quang Huy (2020), Study on selection of solutions for extraction and removal of pesticide residue from packagings by photo-fenton at Lab scale. Science and Technology Journal of Agriculture & Rural Development 3+4, 2/2020
- Tu N. Nguyen, Minh N. Nguyen, Mary McNamara, Stefan Dultz, Andrew Meharg, Van T. Nguyen (2019), Encapsulation of lead in rice phytoliths as a possible pollutant source in paddy soils. Environmental and Experimental Botany, 162 (2019), 58-66, ISI, IF = 3,666 (2019)
- Nguyễn Ngọc Tú, Trịnh Quang Huy, Hồ Thị Thúy Hằng, Nguyễn Ngọc Minh (2018), Study on synthesis and assessment of Zeolite properties using SiO2 recovered from straw. Science and Technology Journal of Agriculture & Rural Development, 6/2018, 88 – 94.
- Trang K. Trinh, Thinh T.H. Nguyen, Tu N. Nguyen, Ta Yeong Wud, Andrew A. Meharge, Minh N. Nguyen (2017), Characterization and dissolution properties of phytolith occluded phosphorus in rice straw. Soil & Tillage Research, 171 (2017), 19-24, ISI, IF = 3,824 (2017)
- Nguyen Ngoc Tu, Trinh Quang Huy (2016), Study on the process of recovering SiO_2 from rice husk by pyrolysis method. Journal of Ecological Economy, 50/2016, pp. 3-13
- Nguyen Ngoc Tu, Trinh Quang Huy (2015), Study on using Fe^{3+} and Al^{3+} to denatrate bentonite Di Linh, Lam Dong. Journal of Ecological Economy, 49, 2015.