

Sơ yếu lý lịch (*Faculty Vitae*)

1. Họ và tên (<i>Name</i>)
- Full name: NGUYEN THANH NHO
2. Học vị (<i>Education</i>)
- Doctor: <ul style="list-style-type: none">• Specialty: Earth Science, Environmental Chemistry.• Academic institution: University of New Caledonia, France.• Year: 16/08/2018.
- Master of Science: <ul style="list-style-type: none">• Specialty: Analytical Chemistry.• Academic institution: University of Science, Vietnam National University Ho Chi Minh City• Year: 18/06/2013.
- Bachelor of Science: <ul style="list-style-type: none">• Specialty: Chemistry• Academic institution: University of Science, Vietnam National University Ho Chi Minh City• Year: 08/09/2009.
3. Kinh nghiệm làm việc trong môi trường học thuật (<i>Academic experience</i>)
<ul style="list-style-type: none">• Nguyen Tat Thanh University<ul style="list-style-type: none">- Address: 300A Nguyen Tat Thanh St., Ward 13, District 4, HCMC- Faculty of Environmental and Food Engineering- Position:<ul style="list-style-type: none">○ Lecturer○ Head-Department of Environmental and Resource Management- Years: 07/2019 to present• University of Science, Vietnam National University Ho Chi Minh City<ul style="list-style-type: none">- Address: 227 Nguyen Van Cu St., Ward 4, District 5, HCMC- Faculty of Chemistry- Position:<ul style="list-style-type: none">○ Lecturer○ Vice Head- Department of Analytical Chemistry (from 11/2018 to 07/2019)- Years: 09/2009 to 07/2019
4. Kinh nghiệm làm việc ngoài môi trường học thuật (<i>Non-academic experience</i>)
5. Giấy chứng nhận hoặc chứng chỉ hành nghề (<i>Certifications or professional registrations</i>)
- The Certificate of Pedagogical Training
6. Các tổ chức nghề nghiệp đã và đang tham gia (<i>Membership in professional organizations</i>)
7. Thành tích và giải thưởng (<i>Honors and awards</i>)
8. Phục vụ cộng đồng - bên trong và bên ngoài nhà trường (<i>Service activities</i>)
9. Lĩnh vực nghiên cứu (<i>Areas of research</i>)
- Soil science
- Water Science
- Wetland environmental services
- Geochemistry of organic and inorganic compounds in coastal and estuarine areas

10. Công bố khoa học, bài thuyết trình, tác phẩm (*Publications, presentations, creative works*)

International Publications:

- David F., Meziane T., Marchand C., Rolland G., Pham A., Thanh-Nho N. and Lamy D. (2021). "Prokaryotic abundance, cell size and extracellular enzymatic activity in a human impacted and mangrove dominated tropical estuary (Can Gio, Vietnam)." *Estuarine, Coastal and Shelf Science* 251: 107253.
- Bui T. H., Pham V. S., Thanh-Nho N. and Trieu Q. A. (2021). "Removal of Arsenic from Water Using a Composite of Iron–Manganese Oxide Incorporated Active Rice Husk Silica." *CLEAN – Soil, Air, Water* 49(4).
- Thanh-Nho N., Marchand C., Strady E., Van Vinh T., Taillardat P., Cong-Hau N. and Nhu-Trang T.-T. (2020). "Trace Metal Dynamics in a Tropical Mangrove Tidal Creek: Influence of Porewater Seepage (Can Gio, Vietnam)." *Frontiers in environmental science* 8.
- Taillardat P., Marchand C., Friess D. A., Widory D., David F., Ohte N., Nakamura T., Van Vinh T., Thanh-Nho N. and Ziegler A. D. (2020). "Respective contribution of urban wastewater and mangroves on nutrient dynamics in a tropical estuary during the monsoon season." *Mar Pollut Bull* 160: 111652.
- David F., Marchand C., Van Vinh T., Taillardat P., Thanh-Nho N. and Meziane T. (2020). "Fatty acid compositions of four benthic species along the salinity gradient of a human impacted and mangrove dominated tropical estuary (Can Gio, Vietnam)." *Journal of Sea Research* 166: 101955.
- Noncent D., Strady E., Némery J., Thanh-Nho N., Denis H., Mourier B., Babut M., An N. T., Tuyet N. T. N., Marchand C., Desmet M., Tu T. A., Aimé J., Gratiot N., Tuc D. Q. and Dan N. P. (2020). "Sedimentological and geochemical data in bed sediments from a tropical river-estuary system impacted by a developing megacity, Ho Chi Minh City - Vietnam." *Data in Brief*: 105938.
- Vinh T. V., Marchand C., Linh T. V. K., Thanh-Nho N., Allenbach M. (2020). *Soil and aboveground carbon stocks in a planted tropical mangrove forest (Can Gio, Vietnam)*. AGU Books.
- Thanh-Nho N., Marchand C., Strady E., Huu-Phat N. and Nhu-Trang T.-T. (2019). "Bioaccumulation of some trace elements in tropical mangrove plants and snails (Can Gio, Vietnam)." *Environ Pollut* 248: 635-645.
- Thanh-Nho N., Marchand C., Strady E., Vinh T.-V. and Nhu-Trang T.-T. (2018). "Metals geochemistry and ecological risk assessment in a tropical mangrove (Can Gio, Vietnam)." *Chemosphere* 219: 365-382.
- Taillardat P., Ziegler Alan D., Friess Daniel A., Widory D., David F., Nobuhito O., Takashi N., Jaivime E., Thanh-Nho N., Vinh T. V. and Marchand C. (2019). "Assessing nutrient dynamics in mangrove porewater and adjacent tidal creek using nitrate dual-stable isotopes: A new approach to challenge the Outwelling Hypothesis?" *Marine Chemistry* 214: 103662.
- Vivier B., David F., Marchand C., Thanh-Nho N. and Meziane T. (2019). "Fatty acids, C and N dynamics and stable isotope ratios during experimental degradation of shrimp pond effluents in mangrove water." *Mar Environ Res* 150: 104751.

- David F., Marchand C., Thành-Nho N., Van V. T., Taillardat P. and Meziane T. (2019). "Trophic relationships and basal resource utilisation in the Can Gio Mangrove Biosphere Reserve (Southern Vietnam)." *Journal of Sea Research* 145: 35-43.
- Taillardat P., Ziegler A. D., Friess D. A., Widory D., Truong Van V., David F., Thành-Nho N. and Marchand C. (2018b). "Carbon dynamics and inconstant porewater input in a mangrove tidal creek over contrasting seasons and tidal amplitudes." *Geochimica et Cosmochimica Acta* 237: 32-48.
- Taillardat P., Pim W., Cyril M., Daniel A. F., David W., Paul B., Van Vinh T., Thanh-Nho N. and Ziegler Alan D. (2018a). "Assessing the contribution of porewater discharge in carbon export and CO₂ evasion in a mangrove tidal creek (Can Gio, Vietnam)." *Journal of Hydrology* 563: 303-318.
- David F., Meziane T., Tran-Thi N.-T., Truong Van V., Thanh-Nho N., Taillardat P. and Marchand C. (2018). "Carbon biogeochemistry and CO₂ emissions in a human impacted and mangrove dominated tropical estuary (Can Gio, Vietnam)." *Biogeochemistry* 138(3): 261-275.
- Aimé J., Allenbach M., Bourgeois C., Léopold A., Jacotot A., Vinh T. V., Nho N. T., Patrona L. D. and Marchand C. (2018). "Variability of CO₂ emissions during the rearing cycle of a semi-intensive shrimp farm in a mangrove coastal zone (New Caledonia)." *Mar Pollut Bull* 129(1): 194-206.
- Thanh-Nho N., Strady E., Nhu-Trang T. T., David F. and Marchand C. (2017). "Trace metals partitioning between particulate and dissolved phases along a tropical mangrove estuary (Can Gio, Vietnam)." *Chemosphere* 196: 311-322.
- David F., Marchand C., Taillardat P., Thành-Nho N. and Meziane T. (2018). "Nutritional composition of suspended particulate matter in a tropical mangrove creek during a tidal cycle (Can Gio, Vietnam)." *Estuarine, Coastal and Shelf Science* 200: 126-130.
- Strady E., Tuc D. Q., Némery J., Nho N. T., Guédron S., Sang N. N., Denis H. and Dan N. P. (2017). "Spatial variation and risk assessment of trace metals in water and sediment of the Mekong Delta." *Chemosphere* 179: 367-378.

National Publications:

- Trần Thị Như Trang, **Nguyễn Thành Nho**, Đỗ Minh Huy, Nguyễn Thành Đức, Bước đầu khảo sát sự phát thải khí nhà kính CO₂ trên kênh rạch của Thành phố Hồ Chí Minh bằng phương pháp buồng nổi, *Tạp chí phát triển khoa học và công nghệ*. Tập 20, số M1-2017: 5-14. ISSN 2588-1078.
- Hoàng Thị Huỳnh Diệu, **Nguyễn Thành Nho**, Nguyễn Văn Đông, Nghiên cứu quy trình chiết đồng thời As, Cd, Cr và Pb trong nước nhiễm mặn và phân tích bằng phổ hấp thụ nguyên tử không ngọn lửa (GF-AAS), *Tạp chí phát triển khoa học và công nghệ*. Tập 17. Số T3-2014: 82-90. ISSN 1859-0128.
- Triệu Quốc An, Lê Thị Huỳnh Mai, Nguyễn Thành Nho, Nguyễn Văn Đông, Điều chế vật liệu cát phủ vàng ứng dụng trong phân tích thủy ngân, *Tạp chí khoa học và công nghệ*. Tập 18. Số T3-2015: 214-223. ISSN 1859-0128.

International Conferences/ Workshops:

- **Nguyen Thanh-Nho**, Cyril Marchand, Emilie Strady, Nguyen Cong-Hau, Tran-Thi Nhu-Trang. The fate of redox-sensitive metals in a mangrove tidal creek: impact of porewater seepage (Can Gio, Vietnam). The 2nd International Conference on Environment, Resources and Earth Sciences, Ho Chi Minh City, Vietnam. 2021.
- **Thanh-Nho N.**, Vinh T. V. and Pham T. T. (2020). Methodology for assessing the role of mangroves in trace metal (loid) filtration to develop a mechanism of payments for environmental services for mangroves in Vietnam, CIFOR. DOI: 10.17528/cifor/007886. ISBN 978-602-387-136-0
- Pham Thu Thủy, Hoàng Tuấn Long, Đào Thị Linh Chi, Ngô Hà Châu, Hoàng Minh Hiếu, Hoàng Thị Uyên, Hoàng Thị Thu Thủy, Nông Nguyễn Khánh Ngọc, Nguyễn Đình Tiến, Trương Văn Vinh và **Nguyễn Thành Nho**. Who will buy? Potential buyers for mangrove environmental services in Vietnam. Cifor.org No. 291. ISBN 978-602-387-136-0.
- Cyril Marchand, **Nguyen Thanh-Nho**, Emilie Strady, Tran Thi Nhu-Trang. Trace Metals Dynamics in a Mangrove Developing Downstream a Densely Populated Mega-city (Can Gio, Ho Chi Minh City, Vietnam). 5th International Mangrove, Macrobenthos, and Management Meeting (MMM5), Singapore, 2019.
- **Nguyen Thanh-Nho**, Cyril Marchand, Emilie Strady, Frank David, Tran Thi Nhu Trang. Spatial and seasonal variability of trace metals in tropical mangrove estuary (can Gio, Viet nam), The 5th International Symposium on Environmental Analytical Chemistry (ISEAC 5 – ASIA), HCMC VietNam, 2017.
- **Nguyen Thanh-Nho**, Nguyen Van Dong, Selective retention of As(III) and As(V) on different solid phase extraction sorbents on site-sampling for arsenic speciation analysis in ground water, AnalyticaVietNam Processing, HCMC VietNam, 2013: 165-172.

11. Các hoạt động phát triển nghề nghiệp (*Professional development activities*)

12. Năng lực giảng dạy (*Teaching competence*)

- Teaching courses: general chemistry, analytical chemistry, environmental analytical chemistry, environmental monitoring, chemistry in the environment, basic environmental engineering.
- Principal Investigator (PI) of the project funded by Vietnam National University Ho Chi Minh City: Retention and distribution of metal(loid)s in the mangrove-dominated estuary.
- A key member of projects studied on nutrients and metal(loid)s in water and sediment at river and estuary
- Method development for metal(loid)s analysis in agricultural products, medicines, minerals, and foods, etc.