

**1. Name: PHAM VAN HA****2. Education**

Degree	Field	Institution	Year
M.Sc.	Information System	VNU Hanoi-University of Engineering and Technology, Vietnam	2014
B.Sc.	Computer Science	Hanoi University of Industry, Vietnam	2011

**3. Academic experience**

Institution	Rank, Title	Year/Period	FT/PT
Phenikaa University	Lecturer	2021 – Present	FT
University of Engineering and Technology	Ph.D. Candidates	2015 – 2022	FT
University of Engineering and Technology	Researcher	2012 – 2021	FT

**4. Non-academic experience**

Company	Position	Year/Period	FT/PT
FPT Software	Developer	2011 – 2012	FT

**5. Certifications or professional registrations**

N/A

**6. Current membership in professional organizations**

N/A

**7. Honors and awards**

N/A

**8. Service activities****9. Briefly list the most important publications and presentations**

- Van Ha Pham, Xuan Truong Ngo, Hieu Dang Trung Phan , Tuan Vinh Tran, Hoang Anh Le, Astrid Jourdan, Dominique Laffly, Thi Nhat Thanh Nguyen (2022). Emission comparison for WRF-Chem model and impact assessment of monsoon and active fire on air quality in the Northern Vietnam. Aerosol and Air Quality Research (In Review).
- Truong X Ngo, Ha V. Pham, Hieu D.T. Phan, Anh T.N. Nguyen, To Thi Hien, Thanh T.N. Nguyen “A daily and fully fine Particulate Matter concentration dataset derived from space observations for Vietnam in the period of 2012-2020”, Science of Total Environment.
- Pham , V.H., Nguyen , T.N.T. and Laffly , D. (2020). Remote Sensing Case Studies. In TORUS 2 – Toward an Open Resource Using Services, D. Laffly (Ed.). doi:10.1002/9781119720553.ch7
- Pham , V.H., Luu , V.H., Phan , A., Laffly , D., Bui , Q.H. and Nguyen , T.N.T. (2020). Remote Sensing Products. In TORUS 2 – Toward an Open Resource Using Services, D. Laffly (Ed.). doi:10.1002/9781119720553.ch4
- Do, T.N.N., Ngo, X.T., Pham, V.H., Vuong, N.L., Le, H.A., Pham, C.T., Bui, Q.H., Nguyen, T.N.T. Application of WRF-Chem to simulate air quality over Northern Vietnam. Environ Sci Pollut Res (2020). <https://doi.org/10.1007/s11356-020-08913-y>

- Thanh T.N. Nguyen, Ha V. Pham, Kristofer Lasko, Mai T. Bui, Dominique Laffly, Astrid Jourdan, Hung Q. Bui (2019). Spatiotemporal analysis of ground and satellite-based aerosol for air quality assessment in the Southeast Asia region. *Environmental Pollution*. <https://doi.org/10.1016/j.envpol.2019.113106>.
- Pham Van Ha, Ngo Xuan Truong, Astrid Jourdan, Dominique Laffly, Nguyen Thi Nhat Thanh. Evaluation of Maximum Likelihood Estimation and regression methods for fusion of multiple satellite Aerosol Optical Depth data over Vietnam. The 11th International Conference on Knowledge and Systems Engineering (KSE 2019)
- Pham Van Ha, Nguyen Thi Nhat Thanh, Bui Quang Hung, Pascal Klein, Astrid Jourdan, Dominique Laffly, Assessment of georeferencing methods on MODIS Terra / Aqua and VIIRS NPP satellite images in Vietnam. Proceeding of The 10th International Conference on Knowledge and Systems Engineering (KSE 2018), 01-03 November 2018, Ho Chi Minh City, Vietnam.
- Thi Nhat Thanh Nguyen, Hoang Anh Le, Thi Minh Tra Mac, Thi Trang Nhung Nguyen, Van Ha Pham, Quang Hung Bui (2018). “Current Status of PM2.5 Pollution and its Mitigation in Vietnam”. *Global Environmental Research*, vol.22, no.1&2.

**10. Briefly list the most recent professional development activities**

N/A