



ACADEMIC PROFILE

I. GENERAL INFORMATION

1. **Full name:** Pham Thanh Thuy

2. **Date of Birth:** 05/09/1989

3. **Sex:** Female

4. **Affiliation:** University of Science, Vietnam National University Ho Chi Minh City

Faculty: Geology

Department: Marine and Petroleum Geology

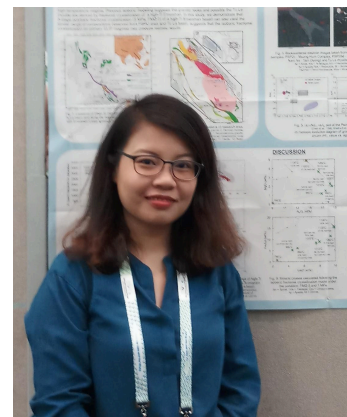
Position: Scientific Research and International Cooperation Assistant

5. **Degree:** Doctor of Philosophy (PhD)

6. **Academic Title:** Dr.

Year awarded: 2020

7. **Contact:** Room C15, Faculty of Geology, University of Science, VNUHCM.



		<i>Office</i>	<i>Personal</i>
1	Address	Campus 1: No. 227, Nguyen Van Cu St., Ward Cho Quan, Ho Chi Minh City. Campus 2: Vietnam National University Ho Chi Minh City Urban Area, Ward Dong Hoa, Ho Chi Minh City.	
2	Tel/Fax	+84-3835 5271	
3	Email	pththuy@hcmus.edu.vn	

8. Foreign Language Proficiency:

	<i>Language</i>	<i>Listening</i>			<i>Speaking</i>			<i>Writing</i>			<i>Comprehension</i>		
		<i>Good</i>	<i>Fair</i>	<i>Basic</i>	<i>Good</i>	<i>Fair</i>	<i>Basic</i>	<i>Good</i>	<i>Fair</i>	<i>Basic</i>	<i>Good</i>	<i>Fair</i>	<i>Basic</i>
1	English	√			√			√			√		
2	Chinese		√			√				√			√

9. Work Experience:

<i>Period</i>	<i>Organization</i>	<i>Position</i>
09/2023 - Now	Faculty of Geology, University of Science, Vietnam National University Ho Chi Minh City	Researcher, Scientific Research and International Cooperation Assistant

2022-8/2023	Vietnam Academy of Science and Technology, Institute of Geological Sciences.	Researcher
2020-2022	Department of Geosciences, National Taiwan University	Postdoctoral Fellowship
2017-2018	Taiwan Ministry of Science and Technology, NARLabs, STPI Center.	Assistant Researcher
2013-2020	Prof. John Gregory Shellnutt's research group, Department of Earth Sciences, National Taiwan Normal University	PhD student Assistant Researcher
2012-2018	Vietnam Academy of Science and Technology, Institute of Geological Sciences.	Researcher

10. Education:

<i>Degree</i>	<i>Period</i>	<i>Institution</i>	<i>Field of Study</i>	<i>Thesis Title</i>
Ph.D.	2013-2020	National Taiwan Normal University	Igneous Petrology -Mineralogy - Geochemistry	Late Permian to Early Oligocene Granitic rocks in Northwestern Vietnam: their relationship to Phanerozoic crustal evolution of Southwest China
M.Sc.	2011-2013	University of Science, Vietnam National University Hanoi	Mineralogy –Geochemistry	Study of characteristics and formation temperature of ore minerals in original tin mines at Pia Oac area - Northwestern Vietnam.
B.Sc. Hons.	2007-2011	University of Science, Vietnam National University Hanoi	Geochemistry – GeoEnvironment	Pollution of heavy metals in surface water and sediment of Trieu Khuc village – Tan Trieu – Thanh Tri – Ha Noi.

11. Area of Expertise and Research Interests

11.1 Area of Expertise:

- **Field:** Earth Sciences
- **Major:** Geology
- **Research Skills:** Field geology, isotopic geochemistry, igneous petrology, Sr-Nd analysis, in situ U-Pb zircon analysis, SEM-EDS and EPMA.

11.2 Research Interests: 1. Crustal evolution, regional geology.

2. Applied geochemistry.

3. Field geology.

II. RESEARCH AND MENTORSHIP

1. Project

<i>Project/Research Title</i>	<i>Management Level</i>	<i>Period</i>	<i>Funding (million VND)</i>	<i>Position</i>	<i>Completion Date</i>	<i>Result</i>

15	Late Permian to Early Oligocene Granitic rocks in Northwestern Vietnam: their relationship to Phanerozoic crustal evolution of Southwest China	National Foundation for Science and Technology Development (NAFOSTED)	08/2024 -08/2027	1.134	PI		
14	Research on landslide risk assessment along highway 20 based on block theory and new technology for prevention and mitigation	VNUHCM (B2025-18-11)	02/2025 – 02/2027	775	Member		
13	Research on petrology, geochemistry and evolution of metamorphosed sedimentary rocks of the Kham Duc complex, western Quang Nam	VNUHCM (C2025-18-22)	02/2025 – 02/2027	200	Member		
12	Mineral geochemistry of Van Canh granitoid, Kon Tum massif	VNUHCM (C2025-18-21)	02/2025 – 02/2027	175	PI		
11	Petrology of the granitic rocks at An Khe pass, Tan Son town, Binh Dinh province.	VNUHCM (C2024-18-20)	2/2024 - 8/2026	200	Member		
10	Research on optimal measurement arrays for electrical resistivity imaging data to detect resistivity anomaly	University of Science, VNUHCM	12/2024 – 12/2025	20	Member		
9	An assessment of the magmatic conditions of the Dinh Quan–Deo Ca–Ankroet granitoids in SW Vietnam	University of Science, VNUHCM	09/2023 -08/2024	50	PI		Complete

8	Mineral chemistry of Early Oligocene granite of the Ye Yen Sun complex, Phan Si Pan Uplift, Northwestern Vietnam.	Vietnam Academy of Science and Technology, Institute of Geological Sciences	2/2023 – 8/2023	30	PI		Complete
7	Petrogenesis of Precambrian to Early Oligocene granitic magmatism in northwestern Vietnam: geochemical implications for the crustal evolution of South China Block (phase 2).	Taiwan Ministry of Science and Technology	8/2021 - 7/2022	800	PI of sub-project under the CREATE Postdoctoral Research Program		Complete
6	Petrogenesis of Precambrian to Early Oligocene granitic magmatism in northwestern Vietnam: geochemical implications for the crustal evolution of South China Block (phase 1)	Taiwan Ministry of Science and Technology	12/2020 - 07/2021	800	PI of sub-project under the CREATE Postdoctoral Research Program		Complete
5	Petrogenesis and metallogenesis of Mo-(Au) bearing Cenozoic granites of the Ye Yen Sun Complex, Phan Si Pan Uplift area, Northwestern Vietnam.	Society of Economic Geologists (SEG)	01/09/2015-30/06/2016	100	Project Investigator (PI)		Complete
4	Late Permian to Early Oligocene granitic magmatism of the Phan Si Pan Uplift and Tu Le Basin, NW Vietnam: their relationship to Phanerozoic crustal evolution of Southwest China and Cu – Mo (Au) ore deposits origin.	National Taiwan Normal University	01/01/2016 - 31/12/2016	320	Member		Complete
3	Experimental study on utilizing red soil from the Hoang Dong area, Lạng Sơn Province, for the production of environmentally	Vietnam Academy of Science and Technology, Institute of Geological Sciences	01/01/2013 - 31/12/2013	54	Member		Complete

	friendly construction materials.						
2	Assessment of the potential of selected non-metallic minerals (cement additives, raw materials for producing unfired construction materials, and sericite) throughout Yen Bai province, with proposed exploitation and processing solutions.	Yen Bai Province	2011-2012	200	Member		Complete
1	Evaluation of the prospectivity and recovery potential of Indium in tin ore deposits in Vietnam for establishing a raw material source for nanotechnology applications.	Vietnam	3/2011-3/2013	3100	Member		Complete

2. Supervision of students, graduate students, PhD candidates

	<i>Student name</i>	<i>Thesis title</i>	<i>Graduate year</i>	<i>Degree</i>	<i>Published work under project (Project code only)</i>
3	Huynh Tien Dat	Research on the presence of arsenic anomalies in groundwater environments and their potential harm to communities in Dak Nong province.	2027 Expected	PhD	
2	Nguyen An Hoa	Petrographic and geochemical characteristics and origin of pegmatite in the Dai Loc area, and its application in ceramic production.	2027 Expected	Master	
1	Nguyen Tien Thanh	Geological, petrogeochemical characteristics and genesis of Granitoids in the Ia	2026 Expected	Master	

		Puch Area, Chu Prong, Gia Lai Province.			
--	--	--	--	--	--

III. PUBLICATIONS

1. Books

1.1 Internationally Published Books

	<i>Title</i>	<i>Published work under project (Project code only)</i>	<i>Publisher</i>	<i>Year of Publication</i>	<i>Author/ Co-author</i>	<i>Pen name</i>
1	<i>Book title:</i> Large Igneous Province and their Plumbing Systems. <i>Chapter title:</i> Petrogenesis of silicic rocks from the Phan Si Pan - Tu Le region of the Emeishan large igneous province, northwestern Vietnam. <i>Code:</i> Special Publication 518, 227-254		Geological Society of London	2022	Author	

1.2 Domestically Published Books

	<i>Title</i>	<i>Published work under project (Project code only)</i>	<i>Publisher</i>	<i>Year of Publication</i>	<i>Author/ Co-author</i>	<i>Pen name</i>

2. Journal Articles

2.1. Published on International Journals

	<i>Author, title, journal and issue, pages, year of publication</i>	<i>Published work under project (Project code only)</i>	<i>ISSN (specify whether under ISI or not)</i>	<i>IF</i>
8	Pham, T.T. , 2025. An assessment of the magmatic conditions of Dinh Quan – Deo Ca – Ankoet granitoids: evaluating from the igneous rocks at SW Vietnam - SE Cambodia. Inżynieria Mineralna, Vol. 2, No. 1.		1640-4920	0.31
7	Huynh, T.D., Pham, T.T. , Hoang, T.T.T., Pham, K.H., 2025. Lithological mapping using Landsat data 9 in the Daknong province, Vietnam. Inżynieria Mineralna, Vol. 2, No. 1.		1640-4920	0.31

6	Ha, V.L., Huang, H.H., Huang, B.S., Nguyen, M.L., Nguyen, V.D., Ha, T.G., Le, Q.K., Dinh, V.Q., Le, T.S., Nguyen, T.H., Nguyen, C.N., Smith, K.K., Pham, T.T. , 2024. Geotectonic architecture beneath Northern Vietnam revealed by local earthquake tomography combining seismic data from multiple networks. Tectonophysics, 884 (2024) 230402. https://doi.org/10.1016/j.tecto.2024.230402 .		1879-3266	2.7
5	Tran, A.T., Tran, T.H., Pham, N.C., Nguyen, H., Vu, H.L., Ngo, T.H., Tran, Q.C., Pham, T.P.L., Tran, T.H., Bui, T.S.V., Pham, T.T. , 2024. Petrological and geochemical characteristics of the Low- and High-Hf Nam Meng dioritoid northwest Vietnam: Implication for the mantle partial melting, mixing, and magmatic differentiation. Vietnam Journal of Earth Sciences. https://doi.org/10.15625/2615-9783/20274		0866-7187	2.1
4	Tran, A.T., Tran, T.H., Pham, N.C., Shellnutt, J.G., Pham, T.T. , Izokh, A.E., Pham, T.P.L., 2022. Petrology of the Permian-Triassic granitoids in Northwest Vietnam and their relation to the amalgamation of the Indochina and Sino-Vietnam composite terranes. Vietnam Journal of Earth Sciences. https://doi.org/10.15625/2615-9783/17002 .		0866-7187	2.1
3	Pham, T.T. , Shellnutt, J.G., Lee, H.-Y., Tran, A.T., 2020. Petrogenesis of Eocene to Early Oligocene granitic rocks in Phan Si Pan uplift area, northwestern Vietnam. Lithos. https://doi.org/10.1016/j.lithos.2020.105640 .		0024-4937	3.5
2	Shellnutt, J.G., Pham, T.T. , Denyszyn, S.W., Yeh, M.-W., and Tran, A.T., 2020. Magmatic duration of the Emeishan large igneous province: insights from Northern Vietnam. Geology. V. 48. p. https://doi.org/10.1130/G47076.1		1943-2682	5.8
1	Shellnutt, J.G., Pham, T.T. , 2018. Mantle Potential Temperature Estimates and Primary Magma Compositions of the Low-Ti Emeishan Flood Basalt. Frontiers in Earth Science, 31 May 2018. https://doi.org/10.3389/feart.2018.00067 .		1863-4621	2.9

2.2. Published on Domestic Journals

	<i>Author, title, journal and issue, pages, year of publication</i>	<i>Published work under project (Project code only)</i>	<i>ISSN (specify whether under ISI or not)</i>	<i>IF</i>
2	Trần Quốc Công, Phạm Thanh Thủy , Trần Tuấn Anh, 2025. Đánh giá điều kiện magma granit Mường Lát: Nhìn từ thành phần biotit. Tạp chí Môi trường. https://tapchimoitruong.vn/nguyen-cuu-23/danh-gia-dieu-ki-en-magma-granit-muong-lat-nhin-tu-thanh-phan-biotit-31869		1859-042X	
1	Phạm Thanh Thủy , Tran Dang Quy, Nguyen Thi Hoang Ha. 2011. Pollution of heavy metals in surface water and			

	sediment of Trieu Khuc village – Tan Trieu – Thanh Tri – Ha Noi. Vietnam Journal of Science and Technology, 3E, 1274-1281.			
--	--	--	--	--

2.3. Published in the Proceedings of International Conference

	<i>Author, title, Conference name, Conference date, Conference venue</i>	<i>Published work under project (Project code only)</i>	<i>ISBN</i>	<i>Note</i>
15	Pham, T.T. , Shellnutt, J.G., Denyszyn, W.S., Lee, H.Y., Iizuka, Y., 2025. The late silicic magmatic event in the Emeishan Large Igneous Province: High-precision U-Pb and isotopic constraints from NW Vietnam. Topo-Asia, Shanghai, China, 19-24 October.			
14	Nguyen, K.T.L, Vong, V.T., Pham, T.T. , Le, V.A.C., 2024. Research on optimal measurement arrays for electrical resistivity imaging data to detect resistivity anomaly. Conference on Earth Sciences and Sustainable Development (CESD) 2024, Ho Chi Minh City, Vietnam, 11-12 November.			
13	Pham, T.T. , Pham, M., Bui, K.N., Pham, T.H., 2024. Petrology of the granitic rocks at An Khe pass, Tan Son town, Binh Dinh province. Conference on Earth Sciences and Sustainable Development (CESD) 2024, Ho Chi Minh City, Vietnam, 11-12 November. 2024			
12	Huynh Tien Dat, Pham Thanh Thuy , Hoang Thi Thanh Thuy, Pham Khanh Huyen. Lithological mapping using Landsat data 9 in the Dak Nong province, Vietnam. Abstract No. VP2-06 presented at Conference on Earth Sciences and Sustainable Development (CESD) 2024, Ho Chi Minh City, Vietnam, 11-12 Nov, 2024.			
11	Pham Thanh Thuy , Pham Trung Hieu. An assessment of the magmatic conditions of Dinh Quan – Deo Ca – Ankroet granitoids in SW Vietnam. Abstract No. Vp2-15 presented at Conference on Earth Sciences and Sustainable Development (CESD) 2024, Ho Chi Minh City, Vietnam, 11-12 Nov., 2024.			
10	Pham, T.T. , Shellnutt, J.G., Iizuka, Y., Pham, T.C., Tran, T.A., 2019. Petrogenesis of Ye Yen Sun Complex's igneous rocks, NW Vietnam: geochemical implications to Cenozoic crustal evolution of Southwest China. Abstract No. GS-V7-008 presented at 2019 Taiwan Geosciences Assembly (TGA) Conference, Taipei, Taiwan, 14-17 May.			

9	Pham, T.T., Shellnutt, J.G., S. W. Denyszyn, Tran, T.A., 2018. New update of the geochronology and magmatic condition of granitic rocks from the extended Emeishan Large Igneous Province in Phan Si Pan Uplift area and Tu Le basin, Northwestern Vietnam. Presented at 15th Regional Congress on Geology, Minerals and Energy Resources of Southeast Asia, Hanoi, Vietnam, 16-17 October.			
8	Pham, T.T., Shellnutt, J.G., S. W. Denyszyn, Tran, T.A., 2018. Precise age determination of silicic rocks from the extended Emeishan Large Igneous Province in Phan Si Pan Uplift area and Tu Le basin, Northwestern Vietnam. Abstract No. SE05-A014 presented at 15th Annual Meeting Asia Oceania Geosciences Society, Honolulu, Hawaii, USA, 3-8 June.			
7	Pham, T.T., Shellnutt, J.G., Tran, T.A., 2018. Petrogenesis of Late Permian ferroan granitic rocks of the Emeishan Large Igneous Province in the Phan Si Pan Uplift and Tu Le basin (NW Vietnam). Abstract No. SE05-A018 presented at 15th Annual Meeting Asia Oceania Geosciences Society, Honolulu, Hawaii, USA, 3-8 June.			
6	Shellnutt, J.G., Pham, T.T., 2018. Mantle Potential Temperature Estimates and Primary Magma Compositions of the Low-Ti Emeishan Flood Basalt. Abstract No. SE05-A001 presented at 15th Annual Meeting Asia Oceania Geosciences Society, Honolulu, Hawaii, USA, 3-8 June.			
5	Pham, T.T., Shellnutt, J.G., S. W. Denyszyn, Tran, T.A., 2018. Choose your method wisely: differences between U-Pb ages obtained by in-situ LA-ICP-MS and chemical abrasion isotope dilution TIMS methods on the same zircon. Abstract No. O-EM3-3 presented at 2018 Taiwan Geosciences Assembly (TGA) Conference, Chiayi, Taiwan, 2-3 May.			
4	Pham, T.T., Shellnutt, J.G., S. W. Denyszyn, Tran, T.A., 2017. Precise age determination of Permian granitic rocks from Phan Si Pan Uplift and Tu Le basin, Northwestern Vietnam. Abstract No. 34 presented at International Conference in Memory of Prof. Bor-Ming Jahn: "Asian Orogeny and Continental Evolution: New			

	Advances from Geologic, Geophysical, and Geochemical Perspectives.” Taipei, Taiwan, 6 - 7 November.			
3	Pham, T.T. , Shellnutt, J.G., Tran, T.A., 2016. Cenozoic crustal evolution of the western Yangtze Block: Eocene to Early Oligocene granitic magmatism in Phan Si Pan uplift area, northwestern Vietnam. Abstract 5C-071 presented at 2016 Goldschmidt Conference, Geochemical Society, Yokohama, Japan, 26 June-1 July.			
2	Pham, T.T. , Shellnutt, J.G., Tran, T.A., 2016. Petrogenesis of Eocene to Early Oligocene granitic rocks in Phan Si Pan uplift area, northwestern Vietnam: geochemical implications for Cenozoic evolution of the Yangtze Block. Abstract V3-3B-08 presented at 2016 Taiwan Geosciences Assembly (TGA) Conference, Taipei, Taiwan, 16-20 May.			
1	Pham, T.T. , Shellnutt, J.G., 2015. Late Permian to Early Oligocene granitic magmatism of the Phan Si Pan uplift area, NW Vietnam: their relationship to Phanerozoic crustal evolution of Southwest China. Abstract V51C-3043 presented at 2015 Fall Meeting, AGU, San Francisco, California, United States, 14-18 December.			

2.4. Published in the Proceedings of Domestic Conference

	<i>Author, title, journal and issue, pages, year of publication</i>	<i>Published work under project (Project code only)</i>	<i>ISSN (specify whether under ISI or not)</i>	<i>IF</i>
10	Lam Ba Khang, Pham Thanh Thuy , 2026. Stellar Stories: An AI-Assisted Educational Animation Series on Space Weather. 3rd Young Scientists Conference of the University of Science, VNU-HCM – 2026. Abstract's ID: YSC2026_109.			
9	Nguyen Minh Duc, Nguyen Trong Quy, Nguyen Hoang Phat, Le Vinh Thuan, Nguyen Vinh Thanh, Nguyen Tien Son, Nguyen Xuan Minh Ai, Pham Thanh Thuy , 2026. Florascope: Integrating satellite and climate data for global mapping and short-term forecasting of flowering events. 3rd Young Scientists Conference of the University of Science, VNU-HCM – 2026. Abstract's ID: YSC2026_155.			

8	Nguyen Van Long Thanh, Mai Nguyen Phuong Nhi, Vong Vinh Thanh, Nguyen Kim Truc Linh, Nguyen Xuan Minh Ai, Pham Thanh Thuy , 2026. BloomCast: A Platform for Monitoring Terrestrial Blooming Events Using Satellite Data With Case Study Of California Superblooms. 3rd Young Scientists Conference of the University of Science, VNU-HCM – 2026. Abstract's ID: YSC2026_225.			
7	Ra Lan Do Tu Trinh, Nguyen Thanh Minh, Pham Thanh Thuy , 2026. Flow: A Context-Aware Geospatial Platform for Converting NASA Earth Observation Data into Actionable Meteorological Insights. 3rd Young Scientists Conference of the University of Science, VNU-HCM – 2026. Abstract's ID: YSC2026_238.			
6	Nguyễn An Hòa, Phạm Thanh Thùy , 2025. Petrographic and geochemical characteristics and origin of pegmatite in the Dai Loc area, and its application in ceramic production. 2nd Young Scientists Conference of the University of Science, VNU-HCM – 2026. Abstract's ID: YSC2025-074			
5	Lê Thị Kiều Chính, Trần Thiên Tường, Trần Trung Hậu, Phạm Thanh Thùy , Phạm Minh. 2025. Applying GIS technology to create maps predicting flood trends in the Red River Delta region. 2nd Young Scientists Conference of the University of Science, VNU-HCM – 2026. Abstract's ID: YSC2025-091			
4	Nguyen Van Long Thanh, Mai Nguyen Phuong Nhi, Nguyen Kim Truc Linh, Vong Vinh Thanh, Phan Le Viet Thy, Tran Quoc Chi, Pham Thanh Thuy . 2025. The Maxion: An Intuitive Approach to Life beyond Photosynthesis. 2nd Young Scientists Conference of the University of Science, VNU-HCM – 2026. Abstract's ID: YSC2025-096			
3	Nguyen Le Manh Phi, Tran Le Quoc Thong, Pham Thanh Phong, Nguyen Huynh Tam, Do Minh Duy, Tran Gia Hien, Pham Thanh Thuy . 2025. Uvita - A smart UV monitoring solution. 2nd Young Scientists			

	Conference of the University of Science, VNU-HCM – 2026. Abstract's ID: YSC2025-101			
2	Pham Thanh Thuy , 2022. Petrology of Permian granites & rhyolites in the Phan Si Pan uplift and Tu Le basin, Northwestern Vietnam: updates on precision age, geochemistry, petrogenesis, and paleogeographic conditions of the study area. Presented at the 3rd Youth Scientific Conference in the Earth Sciences, organized by the Ho Chi Minh Communist Youth Union and the Vietnam Academy of Science and Technology.	CREATE VII		
1	Pham Thanh Thuy , Tran Dang Quy, Nguyen Thi Hoang Ha. 2011. Pollution of heavy metals in surface water and sediment of Trieu Khuc village – Tan Trieu – Thanh Tri – Ha Noi. Vietnam Journal of Science and Technology, 3E, 1274-1281.	Bachelor thesis		

IV. AWARDS AND SCHOLARSHIPS

1. Scientific and Technological Awards

	Name of Award	Award Detail	Issuing Authority	Year of Issuance
12	Best Poster Award of Solid Earth Section		15th Annual Meeting Asia Oceania Geosciences Society, 3-8 June 2018, Honolulu, Hawaii, USA	2018
11	Student Travel Grant for International Scientific Conference in Hawaii, USA		Department of Science and Technology Development, National Taiwan Normal University	2018
10	Student Travel Grant for International Scientific Conference in Hawaii, USA		Ministry of Science and Technology of Taiwan – 2018 Student Travel Grant Award	2018
9	Student Travel Grant for International Scientific Conference in Hanoi, Vietnam		Ministry of Science and Technology of Taiwan – 2018 Student Travel Grant Award	2018
8	Student Travel Grant for International Scientific Conference in Yokohama, Japan.		Ministry of Science and Technology of Taiwan – 2016 Student Travel Grant Award	2016
7	Tuition waiver Scholarships for Outstanding graduate students		College of Science, National Taiwan Normal University	2018
6	Tuition waiver Scholarships for Outstanding graduate students		College of Science, National Taiwan Normal University	2015
5	Graduate Student Research Grant		Society of Economic Geologist Foundation	2015
4	Student Travel Grant for Annual International Scientific Conference in San Francisco, California, USA		American Geophysical Union – 2015 Fall Meeting General Student Travel Grant Award	2015

3	Student Travel Grant for Annual International Scientific Conference in San Francisco, California, USA		Ministry of Science and Technology of Taiwan – 2015 Student Travel Grant Award	2015
2	Student Travel Grant for Annual International Scientific Conference in San Francisco, California, USA		Department of Earth Sciences, National Taiwan Normal University (2015)	2015
1	Award for Outstanding Academic Performance in the 2009 – 2010 Academic Year		University of Science, Vietnam National University Hanoi	2010

2. Patents

	<i>Name</i>	<i>Patented work under project (Project code only)</i>	<i>Patent No.</i>	<i>Year of Issuance</i>	<i>Issuing Authority</i>	<i>Author/Co-author</i>
--	-------------	--	-------------------	-------------------------	--------------------------	-------------------------

3. Utility Model Patent

	<i>Name</i>	<i>Patented work under project (Project code only)</i>	<i>Patent No.</i>	<i>Year of Issuance</i>	<i>Issuing Authority</i>	<i>Author/Co-author</i>
--	-------------	--	-------------------	-------------------------	--------------------------	-------------------------

4. Practical Applications and Commercialization of Research Results

	<i>Name of Technology/Utility Solution</i>	<i>Form, Scale, and Application Location</i>	<i>Year of Application</i>	<i>Applied work under project (Project code only)</i>
--	--	--	----------------------------	---

V. OTHERS

1. Participation in Domestic and International Programs

	<i>Time of participation</i>	<i>Name of Program</i>	<i>Position</i>
4	19-24, October, 2025	Topo-Asia International Workshop, Shanghai, China	Sub-Topic Chair
3	4-5th, October, 2025	NASA Space App Challenges Ho Chi Minh City 2025	Mentor
2	7-17th August, 2025	The 18th International Olympiad of Earth Sciences (IESO) 2025, Jining, China; IESO held under the patronage of UNESCO	Observer and Jury's member
1	5-6th, October, 2024	NASA Space App Challenges Ho Chi Minh City 2024	Mentor

2. Membership in Scientific Associations, Editorial Boards of Scientific Journals, and Organization Committees of Science and Technology Conferences

	<i>Period</i>	<i>Name of Association/Journal/Conference</i>	<i>Position</i>
--	---------------	---	-----------------

5	2020 – now	Geology, International Geology Review, Journal of Asian Earth Sciences, Frontiers in Earth Sciences, Vietnam Journal of Earth Science, Ofioliti, Green EME, Inżynieria Mineralna – Journal of the Polish Mineral Engineering Society, IOP Publishing, VNUHCM Journal of Earth Science and Environment	Scientific Peer Reviewer
4	January 2026 - now	International Union of Geological Sciences - Commission on Geoscience Education (IUGS-COGE)	Member, Field Officer, GEFO Program
3	July 2025 - now	International of Geoscience Education Organization, International Union of Geological Sciences (IUGS)	Council Member, IESO National Leader (Vietnam)
2	28/09/2025	NASA Space Apps Challenge: Cùng Khoa học Tự nhiên Khám phá & Kiến tạo Tương lai	Organizing Committee, Head of Secretary Board
1	2024	International Conference on Earth Science and Sustainable Development 2024 (CESD)	Organizing Committee, Head of Secretary Board

3. Invited Work at Universities/Institutes/Research Centers

	<i>Period</i>	<i>Name of Universities/Institutes/Research Centers</i>	<i>Scope of Involvement</i>
1	5-8/6/2024	National Taiwan Normal University	Invited Speaker at International Symposium on Science and Education

Ho Chi Minh City, July 07, 2026

Declarant

Pham Thanh Thuy