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Born: 25 May 1959  
Nationality: VIETNAM

## **CURRICULUM VITAE**

Name: Pham Quang HA (M)  
Title: Associate Professor (2007); Doctor in Agricultural Sciences and Biological Engineering with the greatest distinction (1998, Catholic University of Louvain, UCL, Belgium);  
Position:  
1. High qualified scientist, Vice Director of the Institute for Agricultural Environment (IAE/ VAAS);  
2. Visiting professor at the Hanoi Agricultural University (HAU) on Modeling in Pedology. Principle and Application and on the at the Vietnam Academy of Agricultural Sciences  
3. Visiting professor at the Vietnam Academy of Agricultural Sciences (VAAS) on Advanced Soil Physico-Chemistry; Soil Environment Pollution; Soil Erosion and Climate change and the Environment  
4. President of the Scientific Committee of the Institute  
5. Foundation member of EROSION NETWORK of the Agence Universitaire de la Francophonie (AUF) since 2004  
6. Former Member of formulation Board of action plan to mitigate and adapt to climate change of the Ministry of Agriculture and Rural Development  
7. Editor member of Vietnam Soil Science Journal.

Professional address:

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Professional Experience:

Expert in: soil environment, soil quality in lowland and upland soil management, Soil/plant (Rice) nutrition systems and agricultural systems, soil processes modeling. Quality Assurance and Control in Monitoring Soil environment. Climate change Assessment relative with Agriculture and Forestry sectors. Soil Carbon Sequestration, CH<sub>4</sub> emission in paddy rice.

International:

2009-now: Vietnam coordinator in the paddy rice and cross-cutting group of the Global Research Alliance for Mitigation in Agriculture (GRA).

2009-2012. Team leader. Assessments of methane emission in Vietnam Rice field cultivated on Fluvisols and Acrisols (collaboration with Chi Ba University)

2010-2011 Team leader: Climate change Mitigation Potentials in Vietnamese Agriculture (Funded by Jica, Agreement VT-10-0048)

2009-2010. Team leader. EACC project (P 114750): Climate change impact in Agricultural sector in Vietnam. Agricultural production systems and identified climate risk in Vietnam. Funded by World Bank. Purchase order 7151393.

2008-2011. Vietnamese team leader. Vulnerability to Climate Change: Adaptation Strategies and Layers of Resilience. ADB-ICRISTAT project (RETA 6439).

2008-2009. Contract member to review: Private-sector financing for forestry in Viet Nam (funded by FAO)

2004-2007: NISF Coordinator for improvement soil productivity of the coastal central of Vietnam areas. A collaboration project between University of Louvain, Louvan-La-Neuve (Belgium); Agro-Forestry University of Hue (Hue, Vietnam) and the National Institute for Soils and Fertilizers (Hanoi, Vietnam)

2002-2006: NISF -Coordinator: Sustainable farming at the rural-urban interface in peri-urban areas of China and Vietnam. RURBIFARM/EU project: ICFP501A4PR03/INCO-1999-1.4

2002-2004: NISF -Coordinator: Heavy metal project ACIAR LW119/1998

2001-2003. Vietnam Coordinator of RAS/ 5/039. A Project in cooperation with VAEC and IAEA.

2000-2002: Coordinator, LUPAS project. Land use planning analysis systems. A Bacan Case Study (IRRI\_ NISF Research project). Lead of land use modeling team.

1999-2001. Member of Social Forestry Support Program of NISF/MARD/SDC taking part in Participatory Curriculum Development for Social Forestry Education in Vietnam

**Vietnam:**

Projects leader:

2012-2013 Study on the Impact of climate change to main crop production in Red River Delta and in Mekong River Delta of Vietnam. BDKH10. Scientific program to respond to climate change of the National Target program.

2011-2012: Assessment of impact of climate changes to Agriculture and Fishery in Vietnam. BDKH351. MARD.

2001-2013: Conducting research on Data bases guideline on soil environment quality and quantity. Soil Monitoring and Analysis in Vietnam.

2002-2005: Conducting research on the improvement of the nutrient balance and fertilizer use efficiency for 4 crops bases cropping systems and for coffee Robusta.

1994-1997

Carried out the study on nutritional disorder in flooded rice. Agricultural household and management of natural resources in Red river basin Project (Belgium, France, Vietnam, European Union- STD Project)

1991-1993

Project member of the International Board for soil Research and Management (IBSRAM) project in Vietnam. Working on information for land use and management.

Project Unit leader in zone Thanh Hoa, Phu Tho of the Red River Program (Cooperation France-Vietnam)

1987-1991

Co-responsible of soil microbiological laboratory carried out research on soil nitrogen balance in leguminous plants.

Project member of the Phosphate Program for Mekong River Delta.

Languages:

Mother language: Vietnamese

Fluently use: French, English

Computer skills: Fluently use: words, excels, statistic program with Macintosh/PC

Education:

1979-1985: Agronomist Engineer Degree at the Faculty of Agricultural Science, Catholic University of Louvain, Louvain-la-neuve, Belgium

1993-1998: Doctor Degree at the Faculty of Agricultural Science, Catholic University of Louvain, Louvain-la-neuve, Belgium

Special Training:

1992: Soil Research and Management Information Service for User/ Kasesart University/Bangkok/Thailand

1995: Land-use and Crop Modeling/ Bogor-ESCAP Centre/Indonesia

2015: GMS Framework to improve Competitiveness and Climate-Friendly Agriculture Learning Program (Bagan, Myanmar, Jan.2015)

Publication: more than 90 publications (in Vietnamese, English and in French).

Recent works relevant to climate change in agriculture sectors:

1. **Pham Quang Ha**, Bui Thi Phuong Loan, Mai Van Trinh, Vu Thi Hang, 2014. Impact assessment of climate change on crop production in Northern mountainous region, Vietnam. Science and Technology Journal of Agriculture and Rural Development. N12/2014, 82-86.
2. **Pham Quang Ha**, 2013. Assessment of the climate change impact to main food crops in Mekong River Delta and in Red River Delta. Project Report. BDKH10. Hanoi, 2013.
3. **Pham Quang Ha**, 2013. Assessment of the climate change impact and formulating respond to climate change in Vietnam agriculture and fishery sector. Project report. BDKH 351. In MARD, 2013, Dinh Vu Thanh (Editor). Results of the study, assessment of the climate change to some sectors of the Agriculture and Rural Development. Labor Publishing House. p. 5-86.
4. **Pham Quang Ha**, Vu Thang, Nguyen Thi Khanh, Kimio Ito, Koichi Endoh, Kazuyuki Inubushi. 2013. Assessment of CH<sub>4</sub> emission from rice growing on Fluvisols and Acrisols in North Vietnam. Science and Technology Journal of Agriculture & Rural Development, Vietnam. p 37-40. N March/2013
5. Tran Van The, **Pham Quang Ha**, Nguyen Van Viet, Mai Van Trinh, 2012. Impact of climate changes on the Agriculture (crop). Part 2, p 55-

104. In: Impact of climate changes on the Agriculture and Measures to respond. Eds. Dinh Vu Thanh, Nguyen Van Viet. Hanoi (2012) 304 p.
6. Cuong TV, Trinh MV, **Ha PQ**, Khai NM: 2012. Influence of Bio-char application on rice yield and acrisols properties. Submitted. Journal of Natural Sciences & technology. Hanoi National University. N. 28 4S. (2012) 19-25
7. **Phạm Quang Hà**, Mai Văn Trinh, Trần Văn Thê. 2012. Rice production as affected by climate change in Vietnam and promising technical option to respond. In Proceeding of the International workshop on the climate change and Rice production. Trends in Rice Research to overcome Stresses in Changing Climate. ISBN: 978-604-60-0352-6. Hanoi, Sept. 2012. pp. 309.218.
8. **Pham Quang Ha**, Tran Van The, Naveen Singh; Batilan Cynthia. 2012. Vulnerability index for food security and poverty alleviation in Vietnam as affected by climate change. ICRISAT's project report.
9. P. Podwojewski, J. Poulenard, Minh Luu Nguyet, A. de Rouw, Van Thiet Nguyen, **Quang Ha Pham**, Duc Toan Tran 2011. Climate and vegetation determine soil organic matter status in an alpine inner-tropical soil catena in the Fan Si Pan Mountain, Vietnam. Catena 87 (2011) 226–239.
10. **Pham Quang Ha** (lead) et al..2011. Climate change Mitigation Potentials in Vietnamese Agriculture (Funded by Jica). Report of the Agreement N. VT-10-0048.
11. **Pham Quang Ha (lead)**, 2010. Economic Assessment impact of the climate change in Agriculture sector. **World Bank** funded project. Report of the contract purchase order: 7151393 01-2009.
12. **Pham Quang Ha**, 2010. Carbon in Vietnamese Soils and experience to improve carbon stock in soils. In: the proceeding of the International Workshop on Evaluation and Sustainable Management of Soil Carbon Sequestration in Asian Countries to be held on Sep 27 to Oct 2, 2010, at Bogor, Indonesia.