

Dr. Pham Quang Ha. Prof.

Email: [pqha-nisf@hn.vnn.vn](mailto:pqha-nisf@hn.vnn.vn); [haphamquang@fpt.vn](mailto:haphamquang@fpt.vn)

## CURRICULUM VITAE

Name: Pham Quang HA (M)

Title: Associate Professor (since, 2007); Doctor in Agricultural Sciences and Biological Engineering with the greatest distinction (since 1998, University of Louvain, UCL, Belgium);

Position:

1. High qualified scientist (since 2011), President of the Science Committee of the Institute (since 2008), Vice General Director of the Institute for Agricultural Environment (since 2008)

2. Visiting professor at the Hanoi Agricultural University (HAU) on Modeling in Pedology: Principle and Application

3. Visiting professor at the Vietnam Academy of Agricultural Sciences (VAAS) on Advanced Soil Physico-Chemistry; Soil Environment Pollution; and Soil Erosion a

4. Visiting professor at the Hanoi University of Natural Sciences on the Climate Change and Land use

5. Foundation member of EROSION NETWORK of the Agence Universitaire de la Francophonie (AUF) since 2004

6. Member of formulation Board of Action plan to mitigate and adapt to climate change of the Ministry of Agriculture and Rural Development (2009-2011)

7. Member of Education and Science Committee of the Vietnam Academy of Agricultural Sciences (VAAS)

8. Editorial member of the Vietnam Soil Science Journal

### Professional address:

Institute for Agricultural Environment

(Vien Moi truong Nong Nghiep )

PhuDo-Tuliem-, Hanoi, Vietnam

Fax: 84/4/7893277

Email: [pqha-nisf@hn.vnn.vn](mailto:pqha-nisf@hn.vnn.vn); [haphamquang@fpt.vn](mailto:haphamquang@fpt.vn); [dongsongsao8@gmail.com](mailto:dongsongsao8@gmail.com)

### 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. SoilCarbon. Quality Assurance and Control in Monitoring Soil environment. Climate change relative with Agriculture and Forestry sectors.

### International:

2009-2013: Vietnam participant to IPNS and FAO-ASOCON network  
2009-2012. Team leader. Assessments of methane emission in Vietnam Rice field cultivated on Fluvisols and Acrisols (Funded by Sumitomo)  
2010-2011 Team leader: Climate change Mitigation Potentials in Vietnamese Agriculture (Funded by Jica)  
2009-2010. Team leader. Agricultural production systems and identified climate risk in Vietnam. World Bank.  
2008-2011. Vietnamese team leader. Vulnerability to Climate Change: Adaptation Strategies and Layers of Resilience. ADB-Icrisat project  
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  
2003-2005. NISF Coordinator. IRMLA Project. Funded by EU.  
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:

2000-2014: Assessment of impact of climate change to main crop production in Mekong River Delta and In Red River Delta. Vietnam.

2008-2012: Assessment of impact of climate change to Agriculture and Fishery in Vietnam

2001-2007: 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 and AIT/ Bangkok/Thailand

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

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

Recent communication relative with the climate change

1. Hoang Thai Ninh, Hoang Thi Thai Hoa, **Pham Quang Ha**, Joseph E. Dufey. 2009. Potassium Buffering Capacity of Sandy Soils from Thua Thien Hue Province, Central Vietnam as Related to Soil Properties. *Communication in Soil Science and plant Analysis*. 40: 21, 3294-3307
2. 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.
3. P. Podwojewski, J. Poulencard , Minh Luu Nguyet, A. de Rouw , Van Thiet Nguyen ,**Quang Ha Pham** , Duc Toan Tran . 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.
4. Pham Quang Ha (lead) et al..2011. Climate change Mitigation Potentials in Vietnamese Agriculture (Funded by Jica). Project report.
5. Pham Quang Ha<sup>1</sup>, Vu Thang<sup>1</sup>, Nguyen Thi Khanh<sup>1</sup>, Kimio Ito<sup>2</sup>, Koichi Endoh<sup>2</sup>, Kazuyuki Inubushi<sup>3</sup>. 2012. Assessment of CH<sub>4</sub> emission from rice growing on Fluvisols and Acrisols in North Vietnam. *Vietnam Journal of Soil Science*. Submitted.
6. Cuong TV<sup>1</sup>, Trinh MV<sup>1</sup>, Ha PQ<sup>1</sup>, Khai NM<sup>2</sup>. 2012. Influence of Biochar application on rice yield and acrisols properties. Submitted. *Journal of Natural Sciences & technology*. Hanoi National University
7. Phạm Quang Hà, Mai Văn Trịnh, Trần Văn Thế. 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<sup>1</sup>, Tran Van The<sup>1</sup>, Naveen Singh<sup>2</sup>; Batilan Cynthia<sup>2</sup>. 2012. VULNERABILITY INDEX FOR FOOD SECURITY AND POVERTY ALLEVIATION IN VIETNAM AS AFFECTED BY CLIMATE CHANGE. In *VAAS special proceeding for 60 years of VAAS activities*.