**Research interests:**

* Weed science: Eco-physiology of weeds, weed control;
* Cultivation science: sustainable agriculture, water management, tillage techniques, improving crop production systems, enhancing plant production efficiency under environmental stress conditions.

**Education**

|  |  |
| --- | --- |
| 9/2013-  9/2015 | **Master science of Crop Science**  University of Hohenheim, Germany  Major: Plant nutrient and physiology  Master title project: Growth response of rice to diurnal temperature patterns under varying vapor pressure deficit |
| 9/2005-  9/2009 | **Engineering Degree of Crop Science**  Hanoi University of Agriculture, Vietnam |

Engineering title project: Estimation of photosynthesis activity of rice under low nitrogen application condition

**Work experience**

3/2010- **Lecturer/Researcher**

persent Vietnam National University of Agriculture, Vietnam

* Prepare and present lectures in fields of cultivation science and weed science
* Design and carry out scientific projects
* Guide students’ thesis and scientific research
* Transfer advanced cultivation techniques to farmers

**Scientific Projects**

|  |  |
| --- | --- |
| 1/2016present | **Project for climate smart-agriculture in Mekong delta, Vietnam**   * Funded by GIZ (Germany) * Function in the project: consultant |
| 03/2011-  11/2015 | **Project for development of crop genotype in midland and mountainous areas in north, Vietnam**   * Funded by Japan (JICA) and Vietnam government * Function in the project: Counterpart |
| 03/2012-  03/2013 | **Research on physiological characteristic of *Echinochloa crus-*galli**   * Funded by Vietnam National University of Agriculture * Function in the project: manager |
| 01/2011 –  09/2013 | **Research and building cultivation model of new fruit varieties in**  **Hai Duong province,Vietnam**   * Funded by Hai Duong province, Vietnam * Function in the project: Researcher |
| 03/2010 –  04/2012 | **Research and application of innovative advance to improve the yield of upland maize in HaGiang Province, Vietnam**   * Funded by Hagiang province, Vietnam * Function in the project: Researcher |

**Publication**

Papers in **Vu Duy Hoang**, Ha Thi Thanh Binh (2015). Effect of maize-

Scientific soybean intercropping and hand weeding on weed control. Journal Journals of Science and Development, volume 13, No 3: 354-363 **Vu Duy Hoang**, Ha Thi Thanh Binh, Nguyen Trung Kien (2014). Effect of Nitrogen application on growth and development of Barnyard Grass (*Echinocloa crus-*g*alli* (L.) Beauv) and Rice (*Oryza sativa* L.). Journal of Crop Protection Science, No 2: 9-14

**Vu Duy Hoang**, Nguyen Tat Canh, Nguyen Van Bien, Nhu Thi Hong Linh (2013). Effect of forlia fertilizer and biochar on growth and yield of tomato grown on sandy soil in Vietnam. Journal of Science and Development 2013, volume 11, No 5: 603-613.

**Vu Duy Hoang**, Ha Thi Thanh Binh, Vu Tien Binh.(2013). Research on photosynthesis of Barnyard Grass *(Echinocloa crusGalli (L.) Beauv)* and Rice *(Oryza sativa L.).* Journal of Science and Development, volume 11, No 1: 16-23

Ha Thi Thanh Binh, Nguyen Xuan Mai, Nguyen Mai Thom, Thieu Thi Phong Thu, **Vu Duy Hoang**, Nguyen Thi Phuong Lan (2012). Influence of plant density and nitrogenous fertilizer on growth and yield of maize on small cave in the mountain land, Dong Van, Ha Giang. Science and Technology journal of Agriculture and rural development, volume 186: 43-48.

Ha Thi Thanh Binh, Nguyen Xuan Mai, Thieu Thi Phong Thu, **Vu Duy Hoang**, Nguyen Mai Thom, Nguyen Thi Phuong Lan (2011).

Influence of plant spacing and nitrogen fertilizer on growth and yield of Maize on sloping land in Yen Minh, Ha giang. Journal of Science and Development 2011, volume 9, number 6: 861-866 Proceeding **Annual Scientifict Conference of Faculty of Agronomy,**

of national **Vietnam National University of Agriculture** conference Date of organization: November 2015

Place of organization: Vietnam National University of

Agriculture

Duy Hoang Vu, Sabine Stuerz, Forkard Asch (2015). Growth response of root and leaf of lowland rice to diurnal temperature patterns under varying vapor pressure deficits

Proceeding **International Conference on Management of land use** of **systems for enhanced food security: conflicts,** international **controversies and resolutions ( Tropentag )** conference Date of organization: September 2015

Place of organization: Humboldt University in Berlin,

Germany

**Duy Hoang Vu**, Sabine Stuerz, Forkard Asch (2015). Growth response of rice to different vapor pressure deficits and diurnal temperature patterns, p. 168

**Additional information**

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| --- | --- | --- |
| **Languages** | Vietnamese (native), English (very good), German knowledge) | ( basic |
| **Computer**  **skills** | Microsoft office (Word, Excel, PowerPoint)  Graphics software ( Sigmaplot )  Statistical software (STATISTICA, SAS, IRRISTAT) |  |
| **Scholarships** | Ministry of Agriculture and Rural Development, Vietnam |  |

Scholarship for Master program at University of Hohenheim, Germany (2013-2015)