

Curriculum Vitae

Hang Thi Thu Duong
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Education

- Environmental Horticulture, Ph.D student** 05/2017 – current
University of Florida, Gainesville, FL
Research: Water use and drought stress responses of landscaping trees in humid climate Florida
- Plant sciences, MS** 12/2014
Utah State University
Thesis: “Deficit irrigation of Kentucky Bluegrass (*Poa pratensis* L.) in Intermountain West Urban landscapes”
- Crop Sciences, BS** 11/2005
Vietnam National University of Agriculture (VNUA)
Thesis: “Research on the morphological genetic in rice”

Work experience

- Teaching experience: Lecturer 10/2006 – 05/2017
Vietnam National University of Agriculture, Faculty of Agronomy, Department of Food Crop Sciences
- Developed, designed syllabuses and taught 4 courses: Rice plant sciences, upland cereal crops, introduction of food crops, forage crops for undergraduate students
 - Mentored 12 undergraduate students on individual research projects, providing weekly one-on-one instruction

Projects and Grants

- Research Grant recipient** 2014-2015
Grant source: Vietnam National University of Agriculture, Hanoi, Vietnam.
Grant amount: 26,000,000 Vnd
funding to support a research: “Collect and evaluate photosynthetic and agronomical characteristics of taro plants grown in Northern part of Vietnam”
- Research Grant recipient** 2008-2009
Grant source: Vietnam National University of Agriculture, Hanoi, Vietnam.
Grant amount: 7,000,000 Vnd
funding to support a research: “Heterosis for drought resistance in F1 hybrid rice crossed between TGMS female parent and upland male parent lines”

Publications

- Beeson, R. C., Jr., **Duong, H. T. T.**, & Kjelgren, R. J. 2018. Water use of juvenile live oak (*Quercus virginiana*) trees over five years in a humid climate. Open Journal of Forestry. Vol. 8, No 1 p.1-14
- Beeson, R. C., Jr., **Duong, H. T. T.**, & Kjelgren, R. J. 2017. Developing a simple water use model for *Ilex x* ‘Nellie R Stevens from liners to four meter tall trees. Journal of Agriculture Studies. Vol. 5, No. 4. p.83-96
- Duong Thi Thu Hang**, Nguyen Thi Tho, Nguyen Thi Ny. 2017. Photosynthesis and Plant Growth Rate of Taro (*Colocasia esculenta* var. *esculenta*) at Corm Initiation and Bulking Stages. (in Vietnamese with English summary). Vietnam J. Agri. Sci. 2017, Vol. 15, No. 1. P. 27-35
- Pham Van Cuong, **Duong Thi Thu Hang**, Tang Thi Hanh, Atsushi Yoshimura, Toshihiro Mochizuki, 2014. Photosynthesis and panicle growth response to drought stress in F1 hybrid rice (*Oryza Sativa* L.) from a cross between thermo-sensitive genic male sterile (TGMS) line 103S and upland rice IR17525. Journal of the Faculty of Agriculture, Kyushu University. Vol. 59, No. 2. p.273-277
- Pham Van Cuong, Hoang Viet Cuong, Tang Thi Hanh, **Duong Thi Thu Hang**, Takuya Araki, Toshihiro Mochizuki, Atsushi Yoshimura. 2014. Heterosis for Photosynthesis and Dry Matter Accumulation in F1 Hybrid Rice (*Oryza Sativa*

L.) Produced from Thermo-sensitive Male Sterile Line under Drought Stress at Heading Stage. Journal of the Faculty of Agriculture, Kyushu University. Vol. 59, No. 2. p.221-228

Cuong Van Pham, Huong Thi Nguyen, **Hang Thi Thu Duong**, Hanh Thi Tang, Takuya Araki, Toshihiro Mochizuki. 2010. Nitrogen Use efficiency in F1 hybrid, improved and local cultivar of rice (*Oryza Sativa* L.) during different cropping seasons. Journal of Science and Development. Vol. 8, English issue. p.50-59.

Hang Thi Thu Duong, Cuong Van Pham. 2009. Heterosis for drought resistance in F1 hybrid rice crossed between TGMS female parent and upland male parent lines. Journal of Agriculture and Rural Development (in Vietnamese with English abstract). Issue 4/2009. p.3-8.

Cuong Viet Hoang, Cuong Pham Van, Naoto Inoue, **Hang Thi Thu Duong**, Cuong Nguyen Huu, Diep Thi Ngoc Trinh. 2009. Morphological and agronomical characters of some finger millet varieties (*Eleusine coracana* (L.) Gaertn.) collected from the Northern part of Vietnam and Japan. Journal of Science and Development (in Vietnamese with English summary), HUA. Vol.7 Issue 1. p.1-9.

Cuong Van Pham, Toan Van Ngo, **Hang Thi Thu Duong**. 2008. Effects of Potassium on some photosynthetic characteristics and grain yield in F1 under low nitrogen input. Journal of Agriculture and Rural Development (in Vietnamese with English abstract). Issue 10/2008. p.24-28.

Conferences

Hang Duong, Paul Johnson and Roger Kjelgren. 2010. Abstract: Seasonal drought stress responses of Kentucky Bluegrass (*Poa pratensis* L.) in the Intermountain West. Report to the ASA, CSSA, SSSA 2010 international annual meetings – Green revolution 2.0: Food +Energy and Environmental Security conference. Long Beach, California, US.

Cuong Van Pham, Cuong Viet Hoang, Phuong Ha Tran, Diep Thi Ngoc Trinh, **Duong Hang Thi Thu**. 2008. Study on photosynthetic character related to drought tolerance of foxtail millets (*Setaria italica* (L.) Beauv.) and finger millets (*Eulesine coracana* (L). Gaernt). Report to The 2nd International Conference on Science and Technology for Sustainable Development of the Greater Mekong Sub-region. Hanoi, Vietnam. (In Vietnamese)

Cuong Van Pham, Huong Thi Nguyen, **Hang Thi Thu Duong**, Hanh Thi Tang, Takuya Araki, Toshihiro Mochizuki and Shinji Fukuda. 2007. Nitrogen use efficiency in F1 Hybrid, Improved and Local Cultivars of rice (*Oryza Sativa* L.) in different Cropping Seasons. Proceedings of the JSPS International Seminar, Hanoi 2007. HUA. p.126-133. (In Vietnamese)

Hang Thi Thu Duong, Cuong Van Pham, Cuong Viet Hoang and Toshihiro Mochizuki. 2007. Heterosis for photosynthetic characters in F1 hybrid rice (*Oryza Sativa*) produced from a low land thermo-sensitive genic male sterile and upland drought tolerance cultivars in drought condition. Abstract in Proceedings of the JSPS International Seminar, Hanoi. HUA . P. 285

Honours and awards

Awards from the Rector of Agricultural University No 1 (Previous name of VNUA) for having 10/2014 conferred the title of high distinction student in 2003-2004 academic course