

CURRICULUM VITAE

Ho Thi Nguyen

CONTACT

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Home address: 45 Lo Duc, Hanoi,
Vietnam

EDUCATION

PhD - Plant Sciences

The Australian National University
2012 - 2016

Master - Biology

Vietnam National University, Hanoi
2006 - 2008

Bachelor - Biology

Vietnam National University, Hanoi
2002 - 2006

SKILLS

Technical

Microscopy, Pressure chamber, Licor
6400, Genstat, ImageJ, Photoshop,
Illustrator, Microsoft Office, Endnote.

Professional

Leadership, Teamwork, Experiment
design, Hypothesis testing and problem
solving, Data acquisition, analysis, and
interpretation, Time management,
Critical thinking.

Language

Vietnamese: native

English: proficient

TRAININGS

Organic vegetables production, Value
chain development, Business Model
Canvas, Case study in teaching,
Chemical Safety, Biological Safety, Gas
and Cryogenic Safety, Science
communication, Principles of Tutoring
and Demonstrating.

EXPERIENCE

Lecturer: Apr. 2018 – present

Faculty of Agronomy

Vietnam National University of Agriculture

Research: crop plants, i.e. pumpkins, cruciferous
vegetables, growth and development in response to
stresses.

Teaching: General Biology (year 1), Botany (year 2), and
Plant anatomy (year 3) for undergraduate students.

Post-doctoral fellow: Oct. 2016 – Mar.2018

Division of Plant Sciences

Australian National University

Participated in two research projects:

- Top-down rehydration in the grey mangrove
Avicennia marina
- Water relations in cushion plants collected from
Macquarie Island, Australia

PhD Student: Jun. 2012 – Jul.2016

Division of Plant Sciences

Australian National University

Research focused on plant water relations, i.e. plant water
transport, storage, and use, and the linkage between plant
structure and function, in grey mangrove *Avicennia marina*
grown under both field and greenhouse conditions.

Lecturer: Aug. 2009 - Jun. 2012

Faculty of Agronomy

Vietnam National University of Agriculture

Tutored undergraduate students in Biology, Plant
anatomy, and Plant physiology.

Acted as a Youth Union's representative and participated
in organizing a colloquium on career development for
Agronomy students.

Researcher: Jan. 2009 – Jul. 2009

*Institute of Environmental Resources and Sustainable
Development, 114 Tran Duy Hung, Hanoi*

Participated in a national project on coastal and marine
ecosystem.

Master student: Oct. 2006 - December. 2008

Department of Botany, Vietnam National University, Hanoi

AWARDS

2014: Runner up RSB student conference
2012: Australia Awards PhD scholarship
2007: Nagao Natural Environment Foundation M.SC. scholarship
2006: Certificate of Merit for Excellent achievement in study and training
2004: Certificate of merit for significant contribution in voluntary and Youth Union's activities

PRESENTATIONS

XI Colloquium on Plant Ecophysiology
Parque Katalapi, Región de Los Lagos
Chile, January 14-17, 2016 (Talk)
X Colloquium on Plant Ecophysiology
Parque Katalapi, Región de Los Lagos,
Chile, January 16-19, 2015 (Talk)
ComBio 2014
Canberra, Australia, September 28 -
October 2, 2014 (Poster)

REFEREES

Professor Marilyn C. Ball, FAA
PhD Supervisor
Research School of Biology, ANU
Email: marilyn.ball@anu.edu.au

Mr. Cuong Huu Nguyen
Head
Department of Botany, Faculty of
Agronomy, Vietnam National
University of Agriculture
Trau Quy, Gia Lam, Ha Noi, Vietnam
Email: cuongnh@vnua.edu.vn

Identified plant species on secondary growth forests, especially on limestone mountains and investigated cropping patterns in Hoa Binh Province, a region in the Northwest of Vietnam.

Part time art salesperson: Oct. 2006 – April 2008

A Gallery, 16 Ngo Quyen, Hanoi

Selling original artworks created by Vietnamese artists

Undergraduate student. Aug. 2004 - Jun. 2006

Faculty of Biology, Vietnam National University, Hanoi

Research project focused on the taxonomy of the family Euphorbiaceae.

PUBLICATIONS

In English:

Nguyen, H. T., Meir, P., Sack, L., Evans, J. R., Oliveira, R. S., and Ball, M. C. (2017) Leaf water storage increases with salinity and aridity in the mangrove *Avicennia marina*: integration of leaf structure, osmotic adjustment and access to multiple water sources. *Plant, Cell & Environment*, 40: 1576–1591.

Nguyen, H. T., Meir, P., Wolfe, J., Mencuccini, M., and Ball, M. C. (2017) Plumbing the depths: extracellular water storage in specialized leaf structures and its functional expression in a three-domain pressure–volume relationship. *Plant, Cell & Environment*, 40: 1021–1038.

Nguyen HT, Stanton DE, Schmitz N, Farquhar GD, Ball MC (2015) Growth responses of the mangrove *Avicennia marina* to salinity: development and function of shoot hydraulic systems require saline conditions. *Annals of Botany* 115: 397-407

Zsogon A, Negrini AC, Peres LE, **Nguyen HT**, Ball MC (2015) A mutation that eliminates bundle sheath extensions reduces leaf hydraulic conductance, stomatal conductance and assimilation rates in tomato (*Solanum lycopersicum*). *New Phytologist* 205: 618-626.

In Vietnamese:

Nguyen Thi Hoa, Nguyen Thi Kim Thanh, Nguyen Nghia Thin (2007) Taxonomical study of the Euphorbiaceae family in the Yok Don National Park, Dac Lac Province. *Journal of Biology* 29: 45 – 49.