

# CURRICULUM VITAE

NAME

NGUYEN HAI HOA

Sex: Male.

Day of birth: 02 February 1974.

Place of birth: Phuc Tho district, Ha Noi.

Living address: House N0. 24B, Group I, Tan Xuan, Xuan Mai town, Chuong My District, Ha Noi, Vietnam.

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## PROFESSIONAL INTERESTS

Highest qualification: Doctor of philosophy in Geography, Environmental Management.

Graduation year: 2014.

Current work: Lecturer & researcher in Dept of Environmental Engineering, Forest Resources & Environmental Management faculty, Vietnam Forestry University.

Current living place: House No 24B, Group 1, Tan Xuan, Xuan Mai town, Chuong My, Ha Noi, Vietnam.

## EDUCATION / DEGREES

Doctor of Philosophy in Geography & Environmental Management in University of Queensland, Australia (2013).

Master of Environmental Management & Development in Australian National University, Australia (2005).

Diploma of Environmental Management & Development in Australian National University, Australia (2004).

Undergraduate Degree of Forestry Engineer (1999).

## **WORKING EXPERIENCE**

2014 - Present, Header of Environmental Engineering Dept (EED), Lecturer & Researcher in EED and IFEE, Vietnam Forestry University.

2013 - 2014, Lecturer & Researcher at Dept of Environmental Management, Forest Resources and Environmental Management; and Institute for Forest Ecology and Environment (IFEE), Vietnam Forestry University.

2009 - 2013, PhD student in the University of Queensland, Australia.

2005 - 2009, Lecturer & Researcher at Dept of Environmental Management; and Institute for Forest Ecology and Environment (IFEE), Forest Resources and Environmental Management, Vietnam Forestry University.

2003 - 2005, Master student in Australian National University, Australia.

1999 - 2002, Lecturer & Researcher at Dept of Environmental Management, Forest Resources and Environmental Management, Vietnam Forestry University.

## **TEACHING EXPERIENCE**

I am in charge of teaching the following courses:

Geospatial Applications in Natural Resource Management (both English and Vietnamese Programs for Natural Resource Management);

Applications of GIS & Remote Sensing in Natural Resource Management (both English and Vietnamese Programs for Natural Resource Management);

Global Change Ecology: Impacts and Mitigation (Both English and Vietnamese Programs for Natural Resource Management);

English for Specific Purposes (both English and Vietnamese Programs for Natural Resource Management)

Principles of Environmental Science; Environmental Modelling (Environmental Science Program);

Natural Resource Ecology and Measurement (Co-lecturer in English Program).

### **Besides,**

I am also a member of Scientific committee of Forest Resource & Environmental Management Faculty, Vietnam Forest University, 2013 to present.

Member of Landscape Ecology & Conservation Group, School of Geography, Planning & Environmental Management, University of Queensland, Australia, 2009 to present.

External reviewer, Journal of Coastal Ocean and Management, 2013 to present.

External reviewer, Journal of Marine Science, 2013 to present.

External reviewer, Remote Sensing Journal, 2013 to present.

### **REPRESENTATIVE GRANTS (if applied)**

2015, Application of GIS and Remote Sensing to analyse the management effectiveness of coastal mangroves in Tien Yen district, Quang Ninh Province during 1992 – 2015.

2015, Application of GIS and Remote Sensing to analyse the management effectiveness of Tien Hai Natural Reserves and Wetlands in Thai Binh province during 1995- 2015.

2015, Using NDVI to detect coastal land-use/cover changes in Xuan Thuy district, Nam Dinh province during 1990- 2015.

2014 - 2015, Application of GIS and Remote Sensing to analyse the effectiveness of coastal mangrove management policies in Kien Thuy and Do Son, Hai Phong during 1997- 2014.

2014 - 2015, Using Unsupervised Classification Approach in quantifying the dynamics of coastal mangroves in Thai Thuy coast, Thai Binh province during 1990 - 2015.

2014, Application of GIS and Remote Sensing to monitor the dynamics of coastal mangroves in Hai Phong, Vietnam: Case studies in Dai Hop (Kien Thuy district) and Bang La (Do Son County), funded by the Vietnam Forestry University.

2014, Using NDVI to classify coastal land-use/cover and monitor the dynamics of coastal land-cover in Tien Lang district, Hai Phong, Vietnam, funded by the Vietnam Forestry University.

2009 - 2010, Assessing Mangrove Forests, Shorelines Conditions and Feasibility of REDD for Kien Giang Province, funded by GIZ in Kien Giang.

2010, Mangroves and rising sea levels in Kien Giang Province, Southern Vietnam, funded by GIZ in Kien Giang.

2008, Assessing impacts of Pinus species structures on soil moisture in the practical forest site of Vietnam Forestry University, funded by the Vietnam Forestry University.

2007, Assessing effectiveness of using plant resources on local livelihoods in Khanh Thuong buffer zone, Ba Vi National Park, Vietnam.

2006, Water holding capacity of forest types in Thuong Tien Natural Reserves, Hoa Binh province, funded by the Vietnam Forestry University.

2006, Assessing effectiveness of buffer zone co-management on biodiversity conservation in Ba Vi National Park, funded by the Vietnam Forestry University.

2006, Assessing effectiveness of using plant resources on the local livelihoods in Dong Mo, Son Tay, Vietnam, funded by the Vietnam Forestry University.

### **BOOKS/TEXTBOOKS**

I am now writing the following textbooks as a co-author and expected to be published next year (2016):

1. **Technology for Environmental Management** (4 chapters for the Major of Environmental Science)
2. **GPS in Natural Resources Management** (4 chapters for the Major of Natural Resources Management).
3. **Remote Sensing in Natural Resources Management** (4 chapters for the Major of Natural Resources Management).

In addition, I am involved in writing lecture materials (completed):

1. **Principles of Environmental Science** (7 chapters for the Major of Environmental Science)
2. **Basics of Environmental Science** (5 Chapters for the other Majors)

### **PAPERS**

1. **Hai- Hoa, N.,** Vo Anh Duc (2015). *Socio-economical and Environmental assessments of forest plantation models in Thach Ha district, Ha Tinh province*. Vietnam Journal of Forest Science, Vietnamese Academy of Forest Science. Vol/2015. Pp.
2. **Hai- Hoa, N** (2015). *Applications of Remote Sensing and GIS techniques to monitor dynamics of coastal mangroves in Hai Phong city during the period of 1990- 2014*. Agriculture and Rural Development Jour, MARD, Vol. /2015, pp.

3. **Hai-Hoa**, N (2015). *Using NDVI to classify and analyse the coastal landcover changes in Tien Lang district, Hai Phog city during 2000- 2013*. Forestry Science and Technology Journal (ISSN 1859-3828). Vietnam National University of Forestry, Vol. Special/2015, pp. 65-74.
4. **Hai-Hoa**, N., McAlpine, C., Pullar, D., Leisz, S.J., Gramotnev, G (2015). *Drivers of coastal shoreline change: Case study of the Hon Dat coast, Kien Giang, Vietnam*. Environmental Management Journal (Published).
5. **Hai-Hoa**, N., Pullar, D., McAlpine, C (2015). *Role of fringe mangroves in tidal wave attenuation and wind reduction: Case study of the Hon Dat coast, Kien Giang, Vietnam*. Ocean and Coastal Management (accepted).
6. **Hai-Hoa**, N (2014). The relation of coastal mangrove changes and adjacent land-use: A review in Southeast Asia and Kien Giang, Vietnam. Ocean and Coastal Management 90:1-10.
7. **Hai-Hoa**, N., McAlpine, C., Pullar, D., Duke, N.C., Johansen, K (2013). *The relationship of spatial-temporal changes in fringe mangrove extent and adjacent land-use: case study of Kien Giang coast, Vietnam*. Ocean & Coastal Management 76:12-22.
8. **Hai-Hoa**, N., Pullar, D., Duke, N.C., McAlpine, C., Hien, N.T., Johansen, K (2010). *Historic shoreline changes: An indicator of coastal vulnerability for human land-use and development in Kien Giang, Vietnam*. Proceedings of Asian Association on Remote Sensing (ACRS), Ha Noi, Vietnam, 1-5 November 2010.
9. **Hai-Hoa**, N (2006). *Buffer zone co-management in Protected Areas of Vietnam: A case study in Ba Vi National Park, RECOFTC*.

## **PRESENTATIONS**

2014, Conducting the Technical Training of Monitoring Ecological Services with Participation, Dong Ha, Quang Tri province, 30 November to 03 December 2014, funded SNV.

2014, Participating and Teaching Assistance in National Training on Sustaining River Basin Ecosystems, Son La, Vietnam 28- 31 October 2014, funded by GIZ.

2014, Participating in International Training of Trainers Course: Regional Climate Change Curriculum Development, Hilton Petaling Jaya Hotel, Kuala Lumpur, Malaysia, 4th August to 8th August 2014, funded by USAID.

2014, Conducting the Technical Training of GIS and Remote Sensing Techniques for Tay Bac University, Son La, Vietnam held from 18th July to 24th July 2014, funded by JICA.

2014, Attended technical meeting on national level allometric equations to improve forest biomass estimates in Vietnam, held from 26 - 29 March 2014, Ha Noi, Vietnam, funded by REDD+.

2013, Attended the academic course of Geospatial Applications in Natural Resources in Warner College of Natural Resources, the Colorado State University, USA from 17 October to 16 December 2013.

2010, Attended the 5th ISPRS (International Society for Photogrammetry & Remote Sensing) summer school of 'Advanced Remote Sensing for Mapping. Monitoring and Management of the Environment' in Vietnam Institute of Geodesy and Cartography, Ha Noi, Vietnam, 06-10 October 2010, held after the 31st Asian conference on Remote Sensing.

2010, Attended the 31st Asian Conference on Remote Sensing, 1 - 5th October 2010 in Ha Noi.

**December, 2015**

**Nguyen Hai Hoa**