

CIRICULUM VITAE

1. NAME Huynh Thi Lan Huong
2. DATE OF BIRTH 10 March 1971
3. NATIONALITY Vietnamese
4. EDUCATION
B. Eng., (Hydrology and Environment), Hanoi University of Water Resources, Hanoi, Vietnam, 1992.
M. Eng., (Hydrology and Environment), Hanoi University of Water Resources, Hanoi, Vietnam, 2003.
PhD., (Water resources Development), Vietnam Institute of Meteorology, Hydrology and Environment, Hanoi, Vietnam, 2010.
5. CONTACT ADDRESS
Vietnam Institute of Meteorology, Hydrology and Climate change
No.23 Lane 62 Nguyen Chi Thanh Str., Hanoi, Vietnam
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huong.huynhlan@imh.ac.vn
6. OTHER TRAINING
 - The training courses on Land Use Planning for Rural, held in Ho Chi Minh city, 1993;
 - The Workshop and Advance Course on Flow Forecasting Models, held in Galway, Ireland, 1997;
 - Training course on Urban Hydrology (Sponsored by UNESCO Jakarta office and The Royal Danish Embassy in Hanoi, 1999);
 - Training course on Internet/Intranet Technology Course (Organized by Vietnam Information Technology Training Institute, 2001).
 - Training course on Integrate Water Resources and Environment Management (Organized by Mekong River Commission, June 2002).
 - Training course on Basin Modeling System (Organized by Mekong River Commission, December 2002).
 - Training course on River Forecast System at South East River Forecast Center, America (Organized by National Weather Service of USA, 2003).
7. LANGUAGES/
DEGREE OF
PROFICIENCY
Vietnamese Mother tongue
English Excellent

8. EMPLOYMENT RECORD

FROM TO	July 2014 – now
EMPLOYER	Institute of Meteorology, Hydrology and Climate Change, Hanoi, Vietnam.
POSITION HELD	Deputy Director General
DESCRIPTION OF DUTIES	- Responsibility on Climatology, Meteorology, Agri-meteorology, Climate Change, Ocean Hydro-Meteorology and GIS and remote sensing.
FROM TO	May 2012 – July 2014
EMPLOYER	Institute of Meteorology and Hydrology and Environment, Hanoi, Vietnam.
POSITION HELD	Director of Climate Change Research Center
DESCRIPTION OF DUTIES	<ul style="list-style-type: none"> - Research on the current status and trend of climate change; - Research on the current status and trend of climate change; assess the impacts, risks and vulnerability due to climate change and research on adaptive measures to climate change; - Research on mitigation alternatives in Vietnam from the perspective of low-carbon economy development, including: policies and mechanisms, technological innovation, environmental services and products, opportunities in greenhouse gases reduction, and capacity building for industrial firms, small and medium enterprises in order to develop the green technology; - Research on climate change mainstreaming into strategies, planning, plans and program on socio-economic development at national, sectoral and local level; - Research and cost-benefit analysis on the adaptive and mitigation activities in Vietnam;
FROM TO	June 2011 – May 2012
EMPLOYER	Institute of Meteorology, Hydrology and Environment, Hanoi, Vietnam.
POSITION HELD	Acting Director of Climate Change Research Center

DESCRIPTION OF DUTIES	<ul style="list-style-type: none"> - Research on the current status and trend of climate change; - Research on the current status and trend of climate change; assess the impacts, risks and vulnerability due to climate change and research on adaptive measures to climate change; - Research on mitigation alternatives in Vietnam from the perspective of low-carbon economy development, including: policies and mechanisms, technological innovation, environmental services and products, opportunities in greenhouse gases reduction, and capacity building for industrial firms, small and medium enterprises in order to develop the green technology; - Research on climate change mainstreaming into strategies, planning, plans and program on socio-economic development at national, sectoral and local level; - Research and cost-benefit analysis on the adaptive and mitigation activities in Vietnam;
FROM TO	April 2004 - June 2011
EMPLOYER	Institute of Meteorology, Hydrology and Environment, Hanoi, Vietnam.
POSITION HELD	Head of Hydrological Prediction Division
DESCRIPTION OF DUTIES	<ul style="list-style-type: none"> - Inventory, assessment of hydrological and environmental resources, air and water quality assessment for economic zoning, planning and development. - Studying, applying the flow forecasting models, calculating the water balance, estimating the efficient of the water use projects. - Analyzing and making natural water recourses protect plan, reducing environmental impacts on people health. - Water resources development for rural areas. - Flood forecast on flood season; - Water Resources forecast;
FROM TO	December 1993 – April 2004
EMPLOYER	Institute of Meteorology and Hydrology, Hanoi, Vietnam.
POSITION HELD	Research Associate
DESCRIPTION OF DUTIES	<ul style="list-style-type: none"> - Inventory, assessment of hydrological and environmental resources, air and water quality assessment for economic zoning, planning and development. - Studying, applying the flow forecasting models, calculating the water balance, estimating the efficient of the water use projects. - Analyzing and making natural water recourses protect plan, reducing environmental impacts on people health. - Water resources development for rural areas.

FROM TO	February 1993 - December 1993
EMPLOYER	National Institute of Agricultural Planning and Projection
POSITION HELD	Research Associate
DESCRIPTION OF DUTIES	<ul style="list-style-type: none"> - Establishing agricultural thematic maps such as soil map, land use map, agro-ecological map using GIS technique. - Processing and Interpreting aerial photo and satellite image. - Collecting material on natural economic and social conditions related to the project area.

9. DETAILED TASKS ASSIGNED WORK UNDERTAKEN WHICH BEST ILLUSTRATES CAPABILITY TO HANDLE THE TASKS ASSIGNED

2013-2014	Principle investigator, Developing indicators for climate change adaptation to state management of climate change (BĐKH-16)
2012-2013	Head of working group, Developing Vietnamese negotiation framework on climate change, negotiation issues in period 2012- 2020, towards 2050
2012-2013	Head of working group, assess impacts on socio-economic and proposal response solutions
2011-2013	Head of working group, Research and evaluate potential environmental benefits of response activities to climate change in Vietnam.
2010-2013	Head of working group, Develop decision supports system (DSS) for water resources management and exploitation in Vietnam
2010-2012	Head of working group, Applying GIS map for flood inundation mapping for Quang Nam province
2010-2011	Head of working group, Develop national science and technology programme on climate change
2009-2010	Head of working group, Research on climate change impacts in natural conditions, natural resources and prevention, mitigation and adaptation solutions for durable economic and society development in Vietnam
2006-2010	Head of working group, Joint research on development tool system of decision in river basin management- apply for Thach Han river basin
2007-2009	Principle investigator, Study on developing the Decision Support System for Water Conflict Resolution in Ba river basin
2005-2006	Principle investigator, Applying the mathematic model in integrated water resources management for Chay river Basin
2004-2005	Study on rational utilization of natural resources, environmental protection and disaster prevention in Lo- Chay basin river
2003- 2004	Head of working group, Applying NWSRFS model to flood forecast and warning for Hong - Thai Binh river system
2000-2001	Principle investigator, Applying model of object link watershed simulation to compute flow of Ve river to compare the results of Tank model"
1998-1999	Principle investigator, Evaluate the effect of the Hoa Binh large reservoir to t flow regime changing on downstream of Red River

10. PUBLICATIONS

1 **Huynh Thi Lan Huong** and Le Duc Thuong, Assessment of impacts of climate change to inundations of Ba river basin Province. Proceedings of Workshop on Sciences Achievement of IMHEN, p.27-36, 5/2013.

2 **Huynh Thi Lan Huong** and Le Duc Thuong, Calculation of water balance under impacts of climate change, Journal of Agriculture and rural Development, p.84- 90, No. 216, 5/2013.

3 Tran Thuc, **Huynh Thi Lan Huong** and Dao Minh Trang (2013), Vietnam - Country contributions, National Greenhouse gas, Emissions baselines scenarios, Learning from experiences in developing countries, Page 144-155, 4/2013.

4 **Huynh Thi Lan Huong**, Water sources sharing – Unsolved problems and challenge: Journal of Agriculture and rural Development, p. 69-73, No. 214, 4/2013.

5 **Huynh Thi Lan Huong**, Impacts of Climate change on urban and institutional area, Journal of the Builder, p. 26-30, No. 257 and 285, 3&4, 2013.

6 **Huynh Thi Lan Huong**, Research results on impacts of climate change on flow of Ba river basin, Journal of Science and Water resources technology, p.71- 79, No. 13, 3/2013.

7 **Huynh Thi Lan Huong**, Research on impacts of climate change on agriculture of Quang Ngai province, Journal of Water resources science and Environment, p.23-27, No.40, 3/2013.

8 **Huynh Thi Lan Huong**, Measurable, Reportable and Verifiable (MRV) for National Appropriate Mitigation Actions (NAMA), Journal of Hydrometeorology, p.23- 27, No.626, 2/2013.

9 Le Duc Thuong and **Huynh Thi Lan Huong**, Assessment of impacts of sea level rise on salt intrusion of Ba river basin, Journal of Hydrometeorology, p. 38-46, No.625, 1/2013.

10 **Huynh Thi Lan Huong** and Assela Pathirana (2013), Urbanization and climate change impacts on future urban flooding in Can Tho city, Vietnam, Hydrology and Earth System Sciences, Vol 1, No 1, Page 379-394.

11 Tran Thuc, **Huynh Thi Lan Huong** and Dao Minh Trang (2013), Towards NAMA-readiness: A case of Vietnam, Sciences Journal of The Energy and Resources Institute, Vol. 3 and 4, 1/2013, Page 31-33.

12 **Huynh Thi Lan Huong**, Using MIKE 11 on flood forecast for Vu Gia- Thu Bon river basin, Journal of Science, p.89-95, No.1S, 2013

13 **Huynh Thi Lan Huong**, Effects of climate change on flow river in Quang Ngai province and response measure, Journal of Science, p.96-103, No.1S, 2013.

14 **Huynh Thi Lan Huong**, Potential impacts of climate change on transportation in Quang Ngai province, Transport and communication transport, p.67-72, No.40, 12/2012.

15 Le Duc Thuong and **Huynh Thi Lan Huong**, Assessment of vulnerability of water resources in Ba river basin, Journal of Hydrometeorology, p.27-31, No.620, 8/2012.

16 **Huynh Thi Lan Huong**, Assela Pathirana and Tran Thuc (2012), Facing multiple challenges: The future flooding in Can Tho city, Journal of Science, vol. 28, No.2, 2012, Page 84- 91.

- Tran Thuc, **Huynh Thi Lan Huong** and Dao Minh Trang, Assessment process of agriculture vulnerability under climate change impacts, Journal of Sciences, p.146-154, No. 3S, 2012.s
- Huynh Thi Lan Huong** and Le Duc Thuong, Assessment of impacts of climate change to inundations of Ba river basin Province. Journal of Hydrometeorology, p.27-36, 5/2013.
- Huynh Thi Lan Huong** and Le Duc Thuong, Calculation of water balance under impacts of climate change, Journal of Agriculture and rural Development, p.84- 90, No. 216, 5/2013.
- La Thanh Ha, **Huynh Thi Lan Huong**, Water sources sharing – Unsolved problems and challenges. Journal of “Natural Resources and Environment” No 8. -p. 20-22. - (vie). -ISSN 1859-1477., 2009.
- Huynh Thi Lan Huong**, Integrate Water Resources Management for Lo - Chay river basin. Journal of “Water Resources and Environment” No 21, June 2008.
- Huynh Thi Lan Huong**, Vulnerability Assessment of Water Resources of Lo - Chay river basin. Journal of Meteorology and Hydrology No 568, April 2008
- Nguyen Thi Lieu, **Huynh Thi Lan Huong**, Impacts of climate change on seasonal feature in tourism activities in Vietnam, Proceeding of Workshop on Sciences Achievement of IMHEN, p.37-43, 6/2013.
- Do Tien Anh, Tran Thuc, Makoto Kato, Huynh Thi Lan Huong and Dao Minh Trang, Nationally Appropriate Mitigation Actions (NAMA) in waste sector in Vietnam, Proceeding of Workshop on Sciences Achievement of IMHEN, p.178-183, 6/2013.
- Tran Thi Minh Ha, Tran Thuc, Pham Van Tan and **Huynh Thi Lan Huong**, International negotiations trend on climate change and Vietnamese point of view, Proceeding of Workshop on Sciences Achievement of IMHEN, p.214-221, 6/2013.
- Huynh Thi Lan Huong**, Financial mechanisms for Nationally Appropriate Mitigation Actions, Proceeding of Workshop on Sciences Achievement of IMHEN, p.250-256, 6/2013.
- Nguyen Van Thang, **Huynh Thi Lan Huong** and Dao Minh Trang, Carbon trading and its potential for development in Vietnam, Proceeding of Workshop on Sciences Achievement of IMHEN, p.289-295, 6/2013.
- Tran Thuc, **Huynh Thi Lan Huong**, Dang Quang Thinh and Nguyen Van Dai, Translating information of climate and climate change into adapt actions, Proceeding of Workshop on Sciences Achievement of IMHEN, p.319-326, 6/2013.
- Hoang Niem and **Huynh Thi Lan Huong**, Using and development of water resources in territory of Vietnam, Proceeding of Workshop on Sciences Achievement of IMHEN, p.143- 147, 6/2013.
- Huynh Thi Lan Huong**, Tran Thuc, Long Phi Ho, Vinh Ky Quang, Dang Quang Thinh, Chris Zevenbergen (2013), Managing urban water systems of medium and small cities- lessons from Can Tho, Mekong environmental symposium 2013, 3/2013, Page 177.
- Tran Thuc, **Huynh Thi Lan Huong** and Dao Minh Trang, Mainstreaming climate change issues into social - economic development plans, Proceeding of Workshop on Sciences Achievement of IMHEN, p. 338-344, 3/2012.
- Tran Thuc, Nguyen Thi Hien Thuan, **Huynh Thi Lan Huong**, Dang Quang Thinh, Dao Minh Trang, Method for assessment of climate change vulnerability to agriculture, Proceeding of Workshop on Sciences Achievement of IMHEN, p.352-358, 3/2012

- 33 **Huynh Thi Lan Huong**, Proposing mechanism for conflict resolution of water resources using – initial application for Ba river basin, Proceeding of Workshop on Sciences Achievement of IMHEN, p.77-86, 10/2010.
- 34 **Huynh Thi Lan Huong**, Flood forecast for Red- Thai Binh river system, Proceeding of Workshop on Sciences Achievement of IMHEN, p.149-154, 10/2010
- 35 Tran Thuc, Nguyen Van Thang, Ngo Tien Giang, **Huynh Thi Lan Huong** and Pham Thi Thanh Huong, Flood catastrophe and mitigation resolutions, International workshop on durable development in Hanoi, p.1235- 1244, 10/2010.
- 36 **Huynh Thi Lan Huong**, Research on building conflict Resolution Support System for Ba river system, Proceeding of Workshop on Sciences Achievement of IMHEN, p.89-95, 8/2009
- 37 **Huynh Thi Lan Huong**, Vulnerability Assessment of Water Resources of Lo - Chay river basin, , Proceeding of Workshop on Sciences Achievement of IMHEN, p.100-109, 6/2009
- 38 Tran Thuc, Le Nguyen Tuong, Hoang Minh Tuyen, **Huynh Thi Lan Huong**, Dang Quang Thinh, Tran Anh Phuong and Nguyen Van Dai, Research on impacts of climate change on flow of Huong River, Proceeding of Workshop on Sciences Achievement of IMHEN, p.192-202, 6/2008.
- 39 **Huynh Thi Lan Huong**, Conflict Resolution Support System for Ba river system, Proceeding of Workshop on Sciences Achievement of IMHEN, p.240-246, 3/2007.
- 40 Tran Thuc, Hoang Minh Tuyen, **Huynh Thi Lan Huong**, Dang Quang Thinh and Tran Anh Phuong, Using MIKE 11 GIS model for flood calculating and forecast for Huong river, Proceeding of Workshop on Sciences Achievement of IMHEN, p.385-393, 3/22007
- 41 Dr. La Thanh Ha and ME. **Huynh Thi Lan Huong** (2006), Propose an Integrated Water Resources Approach for Lo – Chay River System, Integrated River basin management Workshop, 9/2006, Page 48- 55.
- 42 **Huynh Thi Lan Huong**, Mathematical Models Used in Integrated Water Resources Management in Basin Level, Proceeding of Workshop on Sciences Achievement of IMHEN, p.277- 283, 12/2005
- 43 Tran Thuc, **Huynh Thi Lan Huong**, Nguyen Van Dai and Dang Quang Thinh, Using NWRSF for flood forecast for Hong- Thai Binh river system, Proceeding of Workshop on Sciences Achievement of IMHEN, p.323-330, 12/2005
- 44 MSc. **Huynh Thi Lan Huong** (2005), Mathematical Models Used in Integrated Water Resources Management in Basin level, Integrated Water Resources Management and a Number of Related Technical Solutions, 11/2005, Page 66- 74.
- 45 Tran Thuc, Nguyen Xuan Hien, Dang Quang Thinh and **Huynh Thi Lan Huong** (2005), Flood Forecast and Flood Control Structures Operation for Flood Control of Ha Noi City, Proceedings of the Fourth International Symposium on New technologies for Urban Safety of Mega Cities in Asia (USMCA 2005), Singapore, 10/2005, Page 465-470.
- 46 **Huynh Thi Lan Huong** and Tran Thuc, Applied one of the Hydrological Model which was made base on physical basis of the hydrological cycle to flow calculation for Sesan river, Proceedings of Workshop on Sciences Achievement of IMHEN, p.97-103, 12/2003.

47 Tran Thuc and **Huynh Thi Lan Huong**, Impacts calculation of land use on flow regime of Tra Khu river, Proceedings of Workshop on Sciences Achievement of IMHEN, p.238-244, 12/2003.

48 Tran Thanh Xuan, **Huynh Thi Lan Huong** and Dinh Xuan Truong, Calculation of Water Balance for Quang Nam Province, Proceedings of Workshop on Sciences Achievement of IMHEN, p.287-289, 12/2003.

49 Tran Thuc, Luong Tuan Anh and **Huynh Lan Huong** (2001), Flood Forecast and Inundation Computations for the Thu Bon River System, Proceedisngs of International Symposium on Achivements of IHP-V in Hydrological Research, Hanoi, Vietnam, No.8, 11/ 2001, Page 281-287.

11. CERTIFICATION

I, the undersigned, certify that, to the best of my knowledge and belief, this biodata correctly describes me, my qualifications and my experience.

I certify that: I am a full-time employee of Vietnam Institute of Meteorology, Hydrology and Environment

SIGNATURE

DATE OF SIGNING _____
Day Month Year