

Scientific Curriculum Vitae

1. Personal details

1	Full name	Nguyen Hong Lan	Birth date	10/12/1968	Sex: M <input checked="" type="checkbox"/> ; F <input type="checkbox"/>
	Academic degree	PhD.	Position/ title	Director, Dep. Manager	
2	Institution & address	University of Natural Resources and Environment - MONRE			
		41A Phu Dien, Hanoi, Vietnam			
	Department/ division/ faculty	Faculty of Marine Science and Islands			
3	Office tel.		Mobile phone No.	84-944699605	
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2. Qualifications:

Years	Academic institutions	Major/ Specialty	Academic degree
1986-1991	State Hydrometeorological Institute in Leningrad, Russia	Oceanography	Eng.
1991-1993	Institute of Oceanography – Russian Academy of Sciences	Oceanography	-
1995-1998	Hanoi University of Technologies	Computer Science	Eng.
2002-2005	Russian State HydroMeteorological University	Oceanography, Math. Physics	PhD.

3. Professional experience:

Years	Institution	Professional address	Position
1999- 2001	Institute of Oceanography in Hanoi - VAST.	18 Hoang Quoc Viet Hanoi.	
2002-2005	Russian State Hydro-Meteorological University.	98, Malootrinski Prospekt, Saint Petersburg, Russia	
2006 to 2015	Institute of Geology and Geophysics – VAST.	18 Hoang Quoc Viet Hanoi.	Director of Department
2015 to present	University of Natural Resources and Environment - MONRE	41A Phu Dien, Hanoi	Deal of faculty

4. Language (rating: A- Poor/ deficient; B- Fair; C- Sufficient; D- Fluent)

Language	Reading	Writing	Speaking
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English	C	C	C
Russian	D	D	D

5. Expertise and research interests

5.1. Last five year's research interests.

- Oceanography, Physics dynamical, Air-Ocean Interactions.
- Numerical Modeling, Programming, GIS.
- Risk Assessment, Hazard.

5.2. Research funding received:

List all the research grants/ projects received/ participated during the last 10 years

No	Project name	Funding institution & funded amount	Project duration	Position/ role in the project
1	Research and predict the landslides and rock risk along the coastal areas on the continental shelf of the Middle part based on the analysis of geological and geophysical data	VAST	2008-2010	Member
2	Research and test model of nitrogen metabolism cycle in marine ecosystems applied to Gulf of Bac Bo	VAST	2010 – 2011	Member
3	Research geo-hydrodynamical characteristics for protecting marine ecosystems in the Co - Vinh Thuc islands	VAST	2012 - 2013	Member
4	Application of combined geological and geophysical methods for forecasting of destroying vital cause erosion and landslides embankment in Spratly islands area	Program of Bien Dong and Islands	2010 - 2012	Member
5	Researching and warning about the underground landslides on the continental shelf of the middle part	MOST (KC09/11-15)	2012 – 2014 Thư ký khoa học	Member - Assistant
6	Study of geological structure and evolution of Vietnam East sea for serving of construction of established territorial lines of	MOST (KC09/11-15)	2012 - 2013	Member

	Vietnam sea and forecasting energy and mineral resources			
7	Study of hydrodynamic, salinity intrusion and sediment transport of the Mekong river delta system and coastal dynamics, including the Ca Mau Peninsula	MOST	2013 - 2014	Member
8	Research for science bases for marine spatial planning in Phu Quoc – Con Dao area	MOST (KC09/11-15)		Member - Assistant

5.3. Publications and accomplishments

(List all the published scientific papers, monographs, patents, awards for the last 15 years)

No	Authors	Name of publication (papers, patents, monographs)	Journals/ Publisher	Year
1	Nguyen Hong Phuong Nguyen Hong Lan	Metadata of resources and environment for coastal zone in Vietnam.	Collection of research works on marine geology and gephysics	2000
2	Nguyen Hong Phuong Nguyen Hong Lan	Application of spatial analysis models to seismic hazard evaluation.	IAGA- IASPEI Joint scientific assembly	2001
3	Nguyen Hong Phuong Nguyen Hong Lan	Building Database for Truong Sa Islands.	Collection of research works on marine geology and gephysics VII, HN, 2003.	2003
4	Nguyen Hong Phuong Nguyen Hong Lan	Spatial analysis models as applied to seismic hazard evaluation	Advances in natural sciences Vol.4, No3 (2003), p. 1-18	2003
5	Du Van Toan Nguyen Hong Lan	Air and Ocean Physical specifications in Truong Sa islands.	Collection of research works on marine geology and gephysics VII, HN, 2003.	2003
6	Nguyen Hong Phuong Nguyen Hong Lan	Applications spatial models for equake hazard assessment.	Journal of Earth Sciences, 24(1), 81-96, 2003.	2003

7	Plink N.L. Nguyen Hong Lan	Methodology for calculating sea level fluctuations in Integrated management of coastal zone. (in Russian)	Scientific journal – Sea level fluctuations, Russian State of Hydro-meteorological University	2003
8	Nguyen Hong Lan	A numerical model for calculation of high floods and tsunami in Bien Dong Sea Vietnam using curvilinear coordinates. (in Russian)	Journal of Science – Sciences of Theory - Russian State of Hydro-meteorological University. Vol. 1, 2005 ISBN 5-86813-165-7 UDK 551.583+502.5 BBK 26.273+20.1	2005
9	Nguyen Hong Lan	Applications of curve-linear numerical model in evaluating storm surges in Bien Dong Vietnam (in Russian)	Proceedings of Russian State of Hydro-meteorological University ISBN 5-86813-146-0 UDK 551.46	2005
10	Nguyen Hong Lan	Nonlinear coordinate system. Method of construction composite curvilinear grid, applied to numerical model of computing long wave propagation in the Bien Dong Vietnam.	Journal of Marine Science and Technology, Vol. 6, No.2. p. 77-90.	2006
11	Nguyen Hong Lan	Nguyen Hong Lan. Methodology of computing level fluctuations at Integrated Coastal Zone Management.	Proceedings of “1st International Seminar on Risk Management for Roads and International workshop on Tsunami” - PIARC and Ministry of Transport.	2006
12	Nguyen Hong Lan	Elastic model applied to evaluating tsunami parameters caused by earthquake in the process of tsunami risk and hazard assessment.	Journal of Marine Science and Technology	2007

13	Nguyen Hong Lan	GIS based loss estimation modeling for flooding in the case of long wave as tsunami.	Journal of Marine Science and Technology	2009
14	Nguyen Hong Lan	Data control and transmittion system applied for hydro-meteorological stations in Truong Sa islands.	Collection of research works on marine geology and geophysics. T. X, 2009. P. 193-202. ISSN 1859-3070	2009
15	Du Van Toan, Nguyen Hong Lan	Some feature of upper mixed layer in the South China Sea	Tuyển tập công trình “Nationwide Fluid Mechanics 2009”, Page. 339 - 344.	2009
16	Nguyen Ngoc Tien, Nguyen Hong Lan	A model on nitrogen transformation cycle in marine ecosystem applied for Tokin gulf	Collection of research works on marine geology and geophysics. T XI, 2010. Page. 99 - 109. ISSN 1859-3070	2010
17	Du Van Toan, Nguyen Hong Lan	Orientation mapping master plan to develop Vietnam marine space for environmental resources management and affirm national sovereignty	Collection of research works on marine geology and geophysics. T XI, 2010. Page. 138 - 147. ISSN 1859-3070	2010
18	Nguyen Trung Thanh, Nguyen Hong Lan	Distribution of some surface sedimentary characteristics on the subaqueous delta of Mekong delta.	Proceedings of Marine science and technology board. 2010. P. 129 - 133. ISSN:978-604-913-015-1	2010
19	Tran Tuan Dung	Some primary results of submarine landslide research in the continental shelf of south central Vietnam	Proceedings of 5th National marine science and technology meetings, T. 3 - 10/2011	2011
20	Nguyen Trung Thanh, Nguyen Hong Lan	Sediment transportation and deposition on the subaqueous Mekong river delta	Journal of Earth Sciences, No. 4(T.33), 2011. P. 607-615. ISSN 0886-7187	2011
21	Nguyen Hong Lan	Construction of database for metadata of	Collection of research works on marine	2012

		marine resources, surveys and environment in IMGG-VAST	geology and geophysics. T XII, 2012. Page. 148 - 160 ISSN 1859-3070	
22	Nguyen Ngoc Tien, Nguyen Hong Lan	Assessing primary productivity in the gulf of Tokin	Collection of research works on marine geology and geophysics. T XII, 2012. Page. 221 - 232 ISSN 1859-3070	2012
23	Nguyen Hong Lan, Vu Hai Dang	Calculating the characteristics of surface circulation in East Vietnam Sea based on the satellite altimeter data	Journal of Marine science and Technology, 4 ^a (P.12). ISSN: 1859-3097. Page. 179-188.	2012
24	Nguyen Hong Lan	The characteristics of the distribution of surface current, temperature and salinity in the Spratly archipelagos, Tu Chinh - Vung May by the latest data.	Collection of research works on marine geology and geophysics. 2nd Marine Geophysic Workshop, 2013. Page. 864 - 879 ISSN 1859-3070	2013
25	Vu Hai Dang, Nguyen Hong Lan	Research characteristics of geohydrodynamics of Co To sea region in the activity of the northeastern monsoon by model MIKE 21/3 FM Couple.	Journal of HydroMeteorology T. 634 10/2013. Page. 28-33. ISSN 0866-8744.	2013
26	Vu Hai Dang, Nguyen Hong Lan	Activity of the storm and the storm waves in the Co To sea region	Journal of HydroMeteorology T. 637 1/2014. P. 30-35. ISSN 0866-8744.	2014
27	Shakirov R., N Nguyen Hong Lan	Joint Vietnam Russia laboratory for marine geoscience and technology (IMGG VAST - POI FEB RAS): scientific activity.	Proceedings of the International conference on Bien Dong 2012 "90 years of marine science in Vietnamese and adjacent waters", Vietnam academy of science and	2014

			technology, Institute of Oceanography, Nha Trang, September 12 - 14, 2012. P. 191-205.	
28	Shakirov R., N Nguyen Hong Lan	Methane distribution in the Japan and Okhotsk Seas: proposal for gasgeochemical study on East Sea of Vietnam.	Proceedings of the International conference on Bien Dong 2012 "90 years of marine science in Vietnamese and adjacent waters", Vietnam academy of science and technology, Institute of Oceanography, Nha Trang, September 12 - 14, 2012. P. 322-338.	2014
29	Nguyen Tien Hai Nguyen Hong Lan	The erosion of the Internal beaches of Thua Thien – Hue province and role of climate factors	Journal of Geology series A 341-345, 3-8/2014, P. 247-253	2014
30	Nguyen Hong Lan Vu Hai Dang	Capability of using high resolution satellite images in the research of the islands monitoring and oceanographycal parameters in the Vietnam sea and adjacent areas	Journal of Marine science and Technology, 4 ^a (T.14). ISSN: 1859-3097. P. 159-168.	2014

Hanoi, 15 April, 2016

Applicant

Dr. Nguyen Hong Lan