



**SENIOR PRINCIPAL, STRATEGIC PLANNING + RESEARCH, MANAGING DIRECTOR**

## Ho Long Phi

### EDUCATION

#### **Master of Modelling**

Liege University, Belgium, 2001

#### **Post-grad in Water Management & Landscape Ecology**

University of Kiel, Germany, 1989-1993

#### **Engineer in Water Management**

Ho Chi Minh City University of Technology, Viet Nam, 1981

### CONTACT



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**Ho Long Phi** is a hydraulic and climate change expert in enCity. He has been an expert in Urban water management strategic planning since 2001. He was leader of numerous research and planning projects on the subject for Ho Chi Minh City, Mekong delta and other coastal provinces of Viet Nam. He has worked closely with international consultants from the Netherlands, US, Germany, France, Italia... to prepare strategic roadmap for Ho Chi Minh city of urban flood management in context of Climate change.

He was vice chairman of the Steering committee for urban flood control, Ho Chi Minh City (2004-2006) and was senior advisor to the Steering center for urban flood control, Ho Chi Minh City (2007-2012). His works is a balanced approach between technical performance and implementation feasibility and social adoptability. He has been retired from the Center of Water Management and climate change-Ho Chi Minh City National University as founder and director (2012-2017) and working as a freelance expert.

***Specialties: Hydraulic engineer, urban hydrologist, urban flood management planner, hydro-sociologist.***

## EXPERIENCE

### **Hydraulic & Climate Change expert**

EnCity Urban Solution , Singapore (2003 - on going)

### **Founder, Director**

Center of Water Management and climate change, Viet Nam National University  
Ho Chi Minh City Founder Director (2011 – 2017)

### **Project Director**

BMP solutions for 5 coastal provinces of Viet Nam to retrofit urban drainage system to adapt with climate change. (German GIZ grant) (2015 - 2016)

### **Local Project Coordinator**

“Delta Strategic Planning” - Dutch NWO’s Urbanizing Delta In the World

### **Project Manager**

Ho Chi Minh City strategy for flood management in context of climate change (Dutch government grant) (2010 - 2012)

### **Technical Advisor**

“Cities and Flooding” handbook, a World Bank document (2011 - 2012)

### **Planning**

Detention-retention facility for Ho Chi Minh City (2008 - 2010)

### **Vice Chairman**

Ho Chi Minh City Steering committee of Urban Flood control (2004 - 2006)

### **Consultant, Detailed planning**

Urban Flood control for Northern sub-catchment Ho Chi Minh City (2002 – 2005)

## PROFESSIONAL AFFILIATIONS

**Full Member** | Vietnam Government Advisory panel for climate change (since 2008)

## KEY PROJECTS IN ENCITY

### **Strategic Planning**

- **Ho Chi Minh City detailed planning of Urban Flood management for Northern sub-catchment**, 28000 hectares
- **Ho Chi Minh city strategy for flood management in context of climate change (Dutch government grant)**, 230000 hectares
- **Ho Chi Minh City planning for detention/retention facilities to adapt with climate change**, 230,000 hectares

### **Water-sensitive Urban Planning/Design**

- **Quang Ngai, Quy Nhon, Nha Trang, Tuy Hoa, Soc Trang** city, Vietnam

## PUBLICATIONS

- ***“Navigating the bureaucracy: an analysis of implementation feasibility for the Mekong Delta Plan, Vietnam. Journal of Environmental Planning and Management”***, Dorien Korbee, Nguyen Hong Quan, Leon Hermans & Phi Ho Long (2019)
- ***“A framework to assess the performance of participatory planning tools for strategic delta planning, Journal of Environmental Planning and Management”***, J. Evers, W. Douven, J. Van der Stroom, S. Hasan, C. Seijger & H.L. Phi (2019)
- ***“Evaluation of retrofitting responses to urban flood risk in Ho Chi Minh City using the Motivation and Ability (MOTA) framework Sustainable Cities and Society Volume 47”***, Hong Quan Nguyen, Mohanasundar Radhakrishnan, Thi Kim Ngan Bui, Dung Duc Tran, Long Phi Ho, Viet Thanh Tong, Luu Trung Phung Huynh, Nguyen Xuan Quang Chau, Thi Thu Trang Ngo, Assela Pathirana, Huu Loc Ho. (2019)
- ***“Adaptation to Sea Level Rise: A Multidisciplinary Analysis for Ho Chi Minh City, Vietnam. In : Water Resources Research”***, Scussolini, P., Tran, . T. V. T., Koks, E. E., Diaz Loaiza, M. A., Ho, L. P. and Lasage, R. (2017)
- ***“Water Quality Dynamics of Urban Water Bodies during Flooding in Can Tho City, Vietnam”***, Hong Quan Nguyen, Mohanasundar Radhakrishnan, Thi Thao Nguyen Huynh, Maria Luisa Baino-Salingay, Long Phi Ho, Peter Van der Steen, Assela Pathirana. (2017)
- ***“An analytical framework for strategic delta planning: negotiating consent for long-term sustainable delta development. J. Env. Planning and Management”***, C. Seijger, W. Douven, G. Van Halsema, L. Hermans, J. Evers, H. L. Phi, M. F. Khan, J. Brunner, L. Pols, W. Ligtoet, S. Koole, K. Slager, M. Vermoolen, S. Hasan, V. T. M. Hoang (2016)
- ***“Introducing a Motivation Ability Framework and Its Use to Assess Plan Implementation Maturity. Water International”***, Ho Long Phi, Leon M. Hermans, Wim J.A.M. Douven, Gerardo E. van Halsema and Malik Fida Khan (2015)
- ***“Flood resilience a must for delta cities. Nature communication, Vol. 516, 329”***, Ruben Dahm, Joost Buurman, Kathryn Roscoe and Ho Long Phi (2014)
- ***“Assessment of the effectiveness of flood adaptation strategies for HCMC”***, R. Lasage, T. I. E. Veldkamp, H. de Moel, T. C. Van, H. L. Phi, P. Vellinga and J. C. J. H. Aerts (2014)
- ***“Integrated Urban Flood Risk Management Approach In Context of Uncertainties: Case Study Ho Chi Minh City. La Houille Blanche, n° 6”***, Long Phi Ho, Thong Nguyen, Nguyen Xuan Quang Chau And Kim Dan Nguyen (2014)
- ***“Connecting Delta Cities. Sharing Knowledge and Working on Adaptation to Climate Change. Rotterdam, Bubeck P. & Ho Long Phi (2010)”***. Ho Chi Minh City. In Dircke, P., Aerts, J.C.J.H. & Molenaar, A. (Eds.)