

INTRODUCTION

Adapting to the implications of climate change is a challenge facing cities in developing and developed countries. This workshop, sponsored by the German Federal Ministry of Education and Research, is intended to promote scientific exchange, cooperation and implementation within the framework of "Adaptation Planning to Climate Change" between Vietnam and Germany. The central role of cities in climate change adaptation is being recognised in both countries.

The thematic focus of the workshop, coincides with the overarching theme of the German Year in Vietnam "City of the Future – Future of the City", celebrating in 2010, thirty-five years of diplomatic relations between Vietnam and Germany.



Our joint German-Vietnamese workshop wishes to promote dialogue, cooperation and partnership between research institutions, national governments, and intercity cooperation, which are critical for success in adaptation to climate change at the urban level. Key speakers include, among others, well known experts from governmental and research institutions in Germany and Vietnam, who will share their professional experiences and demonstrate the importance of spatial and scientific information for decision support in developing adaptation strategies to climate change in urban regions.

KEY NOTE SPEAKERS

	Dr. Klaus Mueschen is Head of the Climate Protection and Energy Unit at the Federal Environment Agency (UBA) in Germany . The Department deals among other topics with climate protection, sustainable energy supply, renewable energies and energy efficiency.
	Dr. Fabian Dosch is senior project manager at the German Federal Institute for Research on Building, Urban Affairs and Spatial Development , a superior German federal authority commissioned to provide policy advice to the Federal Ministry of Transport, Building and Urban Affairs. He is responsible for the development of sustainable urban land use strategies and additionally involved in regional and local adaptation policies to climate change and applied research projects and studies on adaptation to climate change by spatial planning and urban development.
	Franz-Josef Ellerman from GTZ (German Technical Cooperation) Bangkok, Thailand , is programme director of the "Thai-German Climate Protection Programme" which consists of three sub projects: Climate Policy, supporting the implementation of the Thai Climate Change Strategy, Energy-Efficiency in medium-sized Enterprises, and Climate Protection in Tourism.
	Jörn Welsch is working within the unit "Urban and Environmental Information System" at the Department of Urban Development of the Senate of Berlin . Since 1990 he has been the responsible editor for the thematic fields "Climate/Air", "Traffic/Noise" and "Energy" within the Environmental Atlas of Berlin. Additionally he is responsible for the drafting of expert's reports on urban planning projects with respect to urban climate standards. As an administrative expert he often undertakes professional exchange of knowledge at the international scale.
	The Ministry of Natural Resources and Environment (MONRE) in Hanoi developed the "National Target Program to Respond to Climate Change" under the initiation of Ass. Prof. Dr. Tran Thuc , Director of the Institute of Meteorology, Hydrology and Environment (IMHEN) in Hanoi . The IMHEN in Hanoi is explicitly responsible for the coordination of all international research activities in the field of adaptation to climate change within Vietnam. The IMHEN includes a sub-institute in HCMC, Sub Institute of Hydrology, Meteorology and Environment (SIHYMETE) , with a regional competence for South Vietnam. The Director of SIHYMETE is Bao Thanh . The IMHE in Hanoi is explicitly responsible for the coordination of all international research activities in the field of adaptation to climate change within Vietnam.
	
	Dr. Arch. Do Tu Lan is Deputy Director of the management board of Urban Development Projects at the Ministry of Construction, Hanoi, Vietnam . She has been actively involved in the activities of the megacity research team since the early start of the project work in 2005.

PRESENTING MEGACITY PROJECT MEMBERS

The Megacity-Research Project 'Integrative Urban and Environmental Planning for Adaptation of Ho Chi Minh City to Climate Change' is financed as part of the research programme "Sustainable Development of the Megacities of Tomorrow - Energy- and climate-efficient structures in urban growth centres" by the German Federal Ministry of Education and Research (BMBF).

	Dr. Harry Storch is a senior researcher at the Department of Environmental Planning of the Brandenburg University of Technology Cottbus . He is scientific coordinator of Action Field 'Urban Environment' in the Megacity-Project. Additionally he coordinates the M.Sc. Programme Urban Development Planning at Vietnamese-German University from December 2009 to April 2010.
	Nigel Downes is a doctoral student, junior lecturer and researcher. He undertakes research activities related to the development of an adaptation planning framework for Ho Chi Minh City, at the Department of Environmental Planning of the Brandenburg University of Technology Cottbus within the above mentioned 'Integrative Urban and Environmental Planning for Adaptation of Ho Chi Minh City to Climate Change project.
	Visiting Prof. Dipl. Ing. Frank Schwartz is head of Department of Urban Planning and Spatial Design of the Brandenburg University of Technology Cottbus . Since 2009 he has been scientific coordinator of Action Field 'Urban Development' in the Megacity-Project
	PD Dr. habil. Nguyen Xuan Thinh is working on the development of methods, modelling tools and models for analysis, assessment and simulation of urban dynamics with a view to sustainable development and to resource-efficiency at Leibniz Institute of Ecological and Regional Development (IOER), Dresden . He is leader of the work packages Urban Flooding and Urban Energy in the Megacity-Project.
	Prof. Dr. Lutz Katzschner is Head of Environmental Meteorology at the University of Kassel, Germany . He specialises in urban climate and planning, clean air programmes and bioclimatology (thermal comfort) within the Faculty of Architecture, Urban and Landscape Planning at the University of Kassel. His main research field is climate change in cities, focused on heat stress and adaptation in urban design. He teaches as invited Professor in Hong Kong (China), Salvador (Brazil) and Bozen (Italy).

For further information please see:
www.megacity-hcmc.org

WORKSHOP PRESENTATIONS

Implementation and Policy Requirements

Vietnamese National Target Plan for Response to Climate Change and Future Scenarios for Climate Change

Ass. Prof. Dr. Tran Thuc,
Institute of Meteorology, Hydrology and Environment, Hanoi

MOST-BMBF Environmental Cooperation Projects

Le Thi Hoi, MOST-BMBF Cooperation Office, Hanoi

Climate Change, Adaptation and Mitigation Strategies in Germany

Dr. Klaus Mueschen,
Federal Environment Agency, Dessau, Germany

Vietnam's Legal Framework to develop and apply Climate Resilient Building Codes and Standards

Dr. Arch. Do Tu Lan, Ministry of Construction, Hanoi, Vietnam

Spatial Adaptation to Climate Change from a German Perspective - bringing strategies into planning practice.

Dr. Fabian Dosch,
Federal Institute for Research on Building, Urban Affairs and Spatial Development, Bonn, Germany

Thai-German Climate Protection Programme

Franz-Josef Ellermann, GTZ, Bangkok, Thailand

Spatial Adaptation Strategies at the Urban Level

Megacity Research Project: Building resilience to climate change through adaptive land use planning.

Dr. Harry Storch,
Brandenburg University of Technology Cottbus, Germany

Using an Urban Structure Type Approach for Downscaling Climate Change Impacts to the Urban Level

Nigel Downes,
Brandenburg University of Technology Cottbus, Germany

Climate Change and Consequences for Urban Development Planning in Ho Chi Minh City

Visiting Prof. Dipl. Ing. Frank Schwartz
Brandenburg University of Technology Cottbus, Germany

The Science of Adaptation Planning

Spatial Decision Support for Berlin's Adaptation Strategy to Climate Change

Joern Welsch,
Senate Department of Urban Development, Berlin, Germany

Urban Climatic Mapping in Asian Megacities

Prof. Dr. Lutz Katzschner, University of Kassel, Germany

Climate Change and Management of Hydro-Meteorological Information for Ho Chi Minh City

Bao Thanh
Sub-Institute of Hydro-Meteorology and Environment, HCMC, VN

Applied Spatial Analysis for Urban Adaptation Planning: Urban Flooding and the Impacts of Sea Level Rise

PD Dr. Nguyen Xuan Thinh
Leibniz Institute of Ecological and Regional Development, Dresden

INTENDED AUDIENCE

Experts from governmental institutions, scientists and researchers, transnational institutions interested in the thematic field of Adaptation Planning to Climate Change in Urban Regions. The workshop-language is English. A Translation-service to Vietnamese will be offered.

Note: that we recommend prior registration via email.



SCIENTIFIC CONTACT

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WORKSHOP ORGANISATION

Please register by sending an email to:

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thuan_sihymete@yahoo.com.



IMHEN Hanoi



Brandenburg
University of Technology
Cottbus

German Year in Vietnam 2010
“City of the Future - Future of the City”

German – Vietnamese Workshop

sponsored by
Federal Ministry of Education and Research, Germany



Adaptation Response to Climate Change at the Urban Level

Spatial Information Needs for Climate-related
Decision Support in Mega-urban Regions

9th July, 2010

8 am. to 5 pm.

MONRE Institute of Meteorology, Hydrology & Environment
62/23 Nguyen Chi Thanh Road, Dong Da District, Hanoi

organised by
Brandenburg University of Technology Cottbus, Germany and
Institute of Meteorology, Hydrology & Environment, Hanoi