

CALL FOR PAPERS



International Conference

THE FUTURE OF HOCHIMINH CITY METROPOLITAN AREA

*Vietnamese-German University, New Binh Duong City, Viet Nam
September 24-25, 2015*

City Development: From the Past towards the Future

In recent years, developing countries like Vietnam are experiencing fast economic growth and associated rapid urbanization. In this context, Hochiminh city, the biggest metropolitan area of Vietnam, has been facing many challenges in providing sufficient urban infrastructures and services to meet the needs of the development. A huge population concentration, high densities, mixed landuses, and lack of transport infrastructure and public transport services feature the city characteristics. As the result, it causes increased traffic congestions, accidents and pollutions. The city has spent efforts to solve the problems through infrastructure provision, urban planning and control, and travel demand management measures. However, not all decisions can be made efficiently because there is a lack of in-depth knowledge about the dynamics that drive the future development of the city and tools that can be used to support sound decision-making processes.

Thanks to the support of German Academic Exchange Service (DAAD), the Vietnamese-German University (VGU), University of Transport and Communications (UTC), and the project team of Real Time Monitoring of Urban Transport - Solutions for Traffic Management and Urban Development in Hanoi (REMON) are delighted to announce the 2nd International Conference on Integrated Modelling of Urban Dynamics and Traffic with a theme on "The Future of Hochiminh City Metropolitan Area" on 24-25 September 2015 at the Vietnamese-German University in Binh Duong New City, Binh Duong Province.

Following the success of the Conference on “the Future of Hanoi City” organized in University of Transport and Communication (UTC) in Hanoi in September 2014, the Conference on the Future of Hochiminh City Metropolitan Area will be a great opportunity for academicians, practitioners and experts worldwide to meet and share the key understanding of urban-transport dynamics and the modeling techniques, and seek for research cooperation opportunities in developing integrated modelling of urban-transport dynamics in the context of developing cities. The outcomes of the conference will be a value added to the state-of-the-art of methods and algorithms used for calibrating, validating, and coupling the models.

Conference Topics

We would like to invite you to submit paper(s) on the following topics:

Urban Development Trends & Issues

- Patterns and Determinants of Urban Expansion
- Urban Development & Climate Change
- System and Tools for Urban Development Management

Transport Development Trends and Issues

- Travel Behavior & Behavioral Changes
- Public Transport Planning, Development & Management
- Non-motorized Transport Planning, Development & Management
- Theories and Control Methods for Mixed Traffic Flows
- Traffic Management Schemes, including Traffic Incident Management
- City Logistics & Freight Transport Management
- Traffic Safety Improvement & Environmental Protection

Integrated Land Use and Urban Transport

- Interactions between Urban Development and Transport Systems
- Concept and Models of Integrated Urban and Transport Development
- Transit-Oriented Development Potential & Measures
- Performance Measurement of Land-use and Transport Integration

Modelling & Simulation of Urban and Transport Dynamics

- Principles and Approach for Modelling Urban Growths
- Modelling of Travel Behavior Changes
- Modelling of Mixed Traffic Flows and Assessing Control Method Impacts
- Integrating Models of Urban Dynamics, Transport and Environment
- Scenarios for HCMC’s Future Development
- Database & Data Collection Technologies

Important Dates

All papers will go through the submission and review process as follows:

- | | |
|-----------------------------|--|
| • Call for Papers: | 2 June 2015 |
| • Paper submission: | 31 July 2015 |
| • Paper acceptance: | 20 August 2015 (*comments to be sent together) |
| • Revised paper submission: | 10 September 2015 |
| • Presentation submission: | 15 August 2015 |
| • Conference: | 24-25 September 2015 |
| • Publication printed: | 15 December 2015 |

Presentation Formats

- Oral (Mostly done English, only accepted Vietnamese occasionally)
- Posters (English only)

Organizer & Sponsor

- German Academic Exchange Service (DAAD)
- Vietnamese-German University (VGU)
- Other sponsors (looking for other sponsors)

Conference Organizing Committee

Conference Chair:

Dr. Vu Anh Tuan, Director of Vietnamese-German Transport Research Centre (VGTRC), VGU, Vietnam

Conference Co-Chair:

Prof. Dr. Hans-Peter Thamm, Department of Geographie, Freie Universität Berlin, Germany

Executive Secretary:

Dr.-Ing. Le Thu Huyen, Director of Consulting Center for Transport Development, University of Transport and Communications, Vietnam

Secretary:

Dr. An Minh Ngoc, Transport Planning and Management Institute, University of Transport and Communications, Vietnam

Dr. Nguyen Thi Thanh Huong, Transport Planning and Management Institute, University of Transport and Communications, Vietnam

MSc. Truong Thi My Thanh, Vietnamese-German Transport Research Centre, VGU, Vietnam

Editorial Board

Editor in Chief

Dr. Vu Anh Tuan, Director of Vietnamese-German Transport Research Centre (VGTRC), VGU, Vietnam

Prof. Dr. -Ing. Manfred Boltze, Technische Universität Darmstadt, Germany

Prof. Dr. Hans-Peter Thamm, Department of Geographie, Freie Universität Berlin, Germany

Dr.-Ing. Le Thu Huyen, Director of Consulting Center for Transport Development, University of Transport and Communications, Vietnam

Editorial Board (alphabetical order of last name)

Dr. Dinh Thi Thanh Binh, University of Transport and Communications, Vietnam

Dr. Nguyen Ngoc Hieu, Vietnamese-German University, Vietnam

Dr.-Ing. Khuat Viet Hung, National Traffic Safety Committee, Vietnam

Dr. An Minh Ngoc, University of Transport and Communications, Vietnam

Dr. Pham Thai Son, Vietnamese-German University, Vietnam

Dr. Nguyen Thanh Tu, University of Transport and Communications, Vietnam

Paper Format

The HCMCityFuture2015 conference accepts full papers only. Paper format is available at the website <http://www.vgu.edu.vn/research/vgtrc/academic-activities/symposiumworkshops/> on 5th June 2015

More Details

Should you have any questions, please feel free to contact the conference executive secretary, Dr. Le Thu Huyen at lethuhuyen@utc.edu.vn