



International Conference Future Sustainable Transport and Resilient Cities

*University of Transport and Communications, Hanoi, Vietnam
October 10th, 2018*

Sustainable Transport and Resilient Cities in adapting with Climate Change

Almost every city in the world is facing transport problems. Many developed and developing cities are confronted with problems, which relate to four-wheel vehicles. However, some cities, especially Asian cities, are facing significant transport problems mainly caused by two-wheel vehicles. In these cities, motorcycles play a dominant role in the urban transport system (for example, two-wheelers are having a share of more than 80% of the motorized vehicles in Hanoi and Hochiminh City).

Severe environmental pollution causes increased respiratory diseases, especially ENT (ear, nose and throat) diseases, rhinitis, bronchial asthma, flu, or skin diseases, eye diseases, etc. Even more dangerous, natural disasters appear very frequently, such as typhoons, storms, and heavy rain, which can lead to long-time flooding of a wide area with big damages (including fatalities, property losses, etc.), heavy impacts on civilization and on transport capacity.

This conference aims at bringing together international experts, policy-makers and scholars to exchange and discuss the latest research results as well as the best practices in Sustainable Transport and Resilient Cities. A focus will be on the specific applicability in developing cities. By bringing local authorities, transport experts and climate change adaptation experts together, the conference shall discuss the adaptation challenges urban environments are facing and propose specific solutions for Asian developing cities.

Conference Topics

For this year's conference of "Future Sustainable Transport and Resilient Cities" we would like to invite submissions concerning the following list of topics (but not limited to):

Sustainable Urban Development

- Patterns and Determinants of Urban Expansion
- Sustainable Development in the Era of Information Technology
- Systems and Tools for the Management of Urban Development
- Interactions of Transport Development and Urban Development
- Mathematical Models and Applications in Urban and Transport Development
- Modelling and Simulating Urban and Transport Development

Sustainable Transport Development

- Travel Behaviour and Behavioural Changes
- Public Transport: Planning, Operation and Management
- Transit-Oriented Development
- Non-motorized Transport: Planning, Development and Management
- City Logistics and Freight Transport: Planning, Operation and Management
- Traffic Management Schemes for Motorcycle Dependent Cities
- Demand Management for Passenger Transport and Freight Transport
- Urban ITS Applications

Resilient and EcoMobile City

- Urban and Transport Adaption to Climate Changes
- Concepts and Models of Integrated Urban and Transport Development
- Performance Measurement of Land-use and Transport Integration
- Urban Development & Climate Change

Healthy, Happy and Inclusive Communities

- Environmental Protection
- Health Impacts of Transport and Urban Development
- Green Development

Important Dates

Accepted papers will go through the following review process:

- Call for Papers: 30 April 2018
- Abstract submission (printed in abstract book only): 15 July 2018
- Abstract acceptance: 15 August 2018
- Presentation submission: 15 September 2018
- Conference: 10 October 2018

Full paper is encouraged to be printed in the proceeding

Presentation Formats

- Oral (Presentations are held in English)
- Posters (English)

Organizers & Sponsors

- German Academic Exchange Service (DAAD)
- University of Transport and Communications
- Technical University of Darmstadt
- Other sponsors (looking for other sponsors)

Scientific Committee

Dr.-Ing. Le Thu Huyen, Director of Vietnamese German Cooperation Centre, University of Transport and Communication, Vietnam (**Conference Chair**)

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Paper Format

The FutureCity2018 conference accepts abstracts and presentations. Full papers are encouraged to be printed in the proceeding. Paper/Presentation format is available at the website <http://tranconcen.edu.vn> on 30th April 2018

More Details

Should you have any questions? Please feel free to contact the conference executive secretary, Dr. Nguyen Thi Binh at ntbinh@utc.edu.vn