

# International Symposium From Visioning to Implementation of Low-Carbon Transport in Asia

**-1st Day- October 16, 2013 10:00-17:30**

CST Hall, Nihon University (1-8-14 Kanda-Surugadai, Chiyoda-ku, Tokyo)

**-2nd day- October 17, 2013 9:30-12:00**

U Thant International Conference Hall, United Nations University  
(5-53-70 Jingumae, Shibuya-ku, Tokyo)

**趣旨 / Contents** : In Asian developing countries, rapid economic growth will cause drastic emission growth, which will become significant part of future global emissions. This symposium is aimed at discussing how to design long-term measures to develop low-carbon transport systems in Asia in a leap-frog manner and in a backcasting way, decoupling economic growth with CO2 emission increase. For the discussion, we invite international experts on low-carbon development of urban transport and inter-regional transport.

The symposium is sponsored by the "Low-Carbon Asia" research project, funded by Ministry of the Environment, Japan, as the Environment Research and Technology Development Fund (S6). We have sessions to discuss the outcome of the project on the transport part, "Low-Carbon Transport in Asia" (S6-5). On the 2nd day, we also have a collaborative symposium with our partners working on low-carbon development of various sectors in the "Low-Carbon Asia" project (S6).

**言語 / Language** : 1st day: 英語のみ English only, 2nd day: 日英同時通訳あり Translation (English, Japanese)

## **お申込み (参加費無料) / Registration**

氏名・所属・参加予定日を"s65sympo@urban.env.nagoya-u.ac.jp"にご連絡ください。

Please email your name, affiliation, and dates of your attendance to "s65sympo@urban.env.nagoya-u.ac.jp".

There are no registration fee.

## **主催 / Organizer**

- 地球環境研究総合推進費S-6-5  
The Environment Research and Technology Development Fund (S-6-5); the Ministry of the Environment, Japan (MOEJ)
- 名古屋大学大学院環境学研究科  
Graduate School of Environmental Studies, Nagoya University
- 日本大学理工学部交通システム工学科  
Department of Transportation Systems Engineering, College of Science and Technology, Nihon University

## **共催 / Co-Organizer**

- 独立行政法人 国立環境研究所  
National Institute for Environmental Studies, Japan (NIES)

## **問い合わせ先 / Contact**

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## **アクセス / Access**

### **-1st Day-**

日本大学理工学部駿河台  
校舎1号館6階CSTホール

JR御茶ノ水駅聖橋口から徒歩5分。

CST-Hall, Nihon-University

A five-minute walk from JR Ochanomizu station (Hijiri-bashi Exit).

### **-2nd day-**

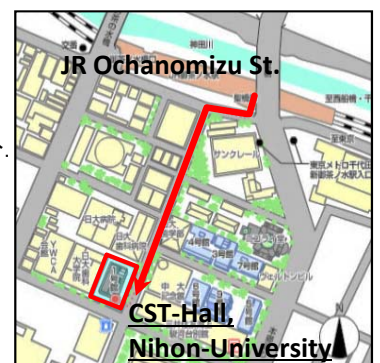
国連大学  
ウ・タント国際会議場

渋谷駅から徒歩10分。地下鉄表参道駅出口B2(銀座線、半蔵門線、千代田線)から徒歩5分。

U Thant International  
Conference Hall

United Nations University

A five-minute walk from Omotesando station (Exit B2, Chiyoda, Ginza, and Hanzomon lines) or ten minutes from Shibuya station.



# プログラム / Program

**1<sup>st</sup> day : 16 October 2013 (Wed) : CST-Hall, Nihon-University**

10:00 - 10:20 Registration  
10:20 - 10:30 Welcome Address Prof. Yoshitsugu Hayashi, Nagoya University, Japan

## Session 1-1 : Visioning Low-Carbon Transport System in Asia

10:30 - 11:00 Keynote "Pathway of Transportation System Development in Bangkok"  
Prof. Wiroj Rujopakarn, Kasertart University Thailand

11:00 - 12:00 "Signs of Leapfrog to Reverse Transport Visions Towards Low Carbon Asia"  
Prof. Yoshitsugu Hayashi, Nagoya University, Japan

"Strategic Visions and Roadmaps towards Low-Carbon Transport Systems in Asian Megacities"  
Dr. Kazuki Nakamura, Nagoya University, Japan

"Local Visions and Management of Low-Carbon Urban Transport Systems in Asia"  
Prof. Fumihiko Nakamura, Yokohama National University, Japan

12:00 - 13:00 Lunch

## Session 1-2 : Case Studies of Low-Carbon Urban Transport Development in Asia

13:00 - 15:30 "Visions and Roadmaps of Low-Carbon Transport Development in Growing Local Cities in Asia"  
Prof. Atsushi Fukuda, Nihon University, Japan

"Integrated Land-use Transport Development in Thailand"  
Dr. Varameth Vichiensan, Kasetsart University, Thailand

"Trends of CO2 Emissions from Vehicle Usage in Local Cities in Thailand"  
Dr. Paramet Luathep, Prince of Songkla University, Thailand

"Short-term Implementation Transportation Projects for CO2 Emission Reduction in Khon Kaen City"  
Dr. Thaned Satiennam, KhonKaen University, Thailand

"Contributions of Bio-fuel Usage to Low-carbon Urban Transport Development in Thailand"  
Dr. Nuwong Chollacoop, National Metal and Material Technology Centre, Thailand

"Designing low carbon transport system for Thailand"  
Dr. Sittha Jaensirisak, Ubon Ratchathani University, Thailand

15:30 - 15:50 Coffee Break

## Session 1-3 : Low-Carbon Development of Inter-Regional Transport Systems in Asia

15:50 - 16:20 Keynote "Competition between Air Transport and Rail Transport"  
Prof. Werner Rothengatter, Karlsruhe Institute of Technology, Germany

16:20 - 17:20 "Trends of Inter-Regional Freight Transport Development in Asia"  
Dr. Poon Thiengburanathum, Chiang-Mai University, Thailand

"Challenges and Visions of Low-Carbon Inter-Regional Transport Development in Asia"  
Dr. Shinya Hanaoka, Tokyo Institute of Technology, Japan

"Necessary Inter-Regional Transport Development for Low-Carbon Transport in Asia"  
Prof. Takaaki Okuda, Nanzan University, Japan

17:20 - 17:30 Closing Remarks

**2<sup>nd</sup> day : 17 October 2013 (Thu) : U Thant International Conference Hall, United Nations University**

9:30 - 9:40 Welcome Address Prof. Yoshitsugu Hayashi, Nagoya University, Japan

## Session 2: Comparison of Low-Carbon Transport Development between ASEAN and China

9:40 - 10:00 "Visions and Roadmaps of Low-Carbon Transport Development in ASEAN"  
Prof. Atsushi Fukuda, Nihon University, Japan  
Dr. Shinya Hanaoka, Tokyo Institute of Technology, Japan

10:00 - 10:30 Keynote "Low-Carbon Transport Strategies and Policies in China"  
Prof. Pan Xiao, Tonji University, China

10:30 - 11:00 Keynote "Air Transport Industry Targets for CO2 Reduction, and Momentum for Global Market-Based-Measures for Aviation ETS via ICAO"  
Prof. Tae Oum, The University of British Columbia, Vancouver, Canada

11:00 - 11:30 Keynote "Incentives to Implement Low-Carbon Transport Policies in Asia"  
Mr. Cornie Huizenga, SLoCaT, Shanghai, China

11:30 - 12:00 Panel Discussion  
Chair: Prof. Yoshitsugu Hayashi

12:00 - 13:00 Lunch

## Symposium: Challenge to Low Carbon Asia – Can Asia change the world through leapfrogging?-

13:00 - 17:00 The symposium on "Low-Carbon Asia" will follow (See the next page).  
URL : <http://2050.nies.go.jp/sympo/131017/index.html>