

**The 2006 Technical Symposium on  
Important Issues of Transportation Development in China,  
Taiwan, and Neighboring Regions**

**January 22, 2006, Sunday, 8:00 AM – 5:30 PM  
Omni Shoreham Hotel, Capitol Room  
2500 Calvert St. NW, Washington DC, 20008**

**Jointly Organized**

**by**

**North America China Overseas Transportation Association (NACOTA)  
Washington, D.C. Chinese Transportation Association (WCTA)**

**CONTACTS**

**NACOTA**

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**Conference Co-Chairs**

Fang Zhao and Eric Ho

**Conference Technical Committee**

Zhangping You (co-chair)  
Eric Ho (co-chair)  
Clayton Chen  
Xiaoduan Sun

# PROGRAM

**Registration: 8:00 am – 8:30 am**

**Opening Remarks: 8:30 am**

Fang Zhao and Eric P. Ho

**Session 1. 8:40 am -10:00 am      Transportation Development in China and Taiwan**

Moderator:      Moderators: Clayton Chen and Mei Chen

- 1.1 *ITS Development in Taiwan*  
Issac Chen, Traffic Safety Division Chief, IOT/MOTC, Taiwan
- 1.2 *The Status and Future Development of Railroads and Urban Light Rail Transportation Systems in China*  
Ruihua Xu, Tongji University
- 1.3 *Taiwan City Compactness: Relationship with MRT Development*  
Huang, Kuo-Ping, National Cheng Kung University
- 1.4 *Spatial Technology Application in Chinese Transportation*  
Dr. Yong Zhang, Chinese Ministry of Communication

**Break: 10:00 am –10:20 am**

**Session 2. 10:20 am – 11:45 pm      Urban Planning in China**

Moderator:      Jack Chiang and Edmond C. P. Chang

- 2.1 *Trip Generation Rates of High-Rise Apartments in Beijing, China*  
Ai Qing Yi, Yang Xiao Kuan, Li Yang, Beijing University of Technology
- 2.2 *Urban Transportation Planning in Shunde, Guangdong*  
Bing Song and Jia Hao Wu, Wu & Song Associates (Shanghai), Ltd.
- 2.3 *Integrating Transportation and Land Use in Dalian via Long-Range Transportation Planning Process*  
Kuo-Ann Chiao, New York Metropolitan Transportation Council; Rongfang (Rachel) Liu, New Jersey Institute of Technology
- 2.4 *Determination of Development Size Threshold for Traffic Impact Analysis*  
Xiaoyu Cai, Lijun Sun, Tongji University

**Lunch Break (Lunch on your own)**

**Session 3. 1:15 – 2:35 pm    Issues in Urbanization and Urban Transportation**

Moderator:    Ping Yi and Steven I-Jy Chien

- 3.1 *Examining Characteristics of Traffic Accidents on Chinese Freeway – a Case Study of Jing-Jing-Tang Freeway*  
Xiaoduan Sun, Beijing University of Technology
- 3.2 *Prevention of Traffic Accidents under Severe Weather Conditions*  
Prof. Zhongyin Guo, Tongji University
- 3.3 *Analysis of Median Use on Beijing Urban Roadways*  
Shi Yu Juan, Yang Xiao Kuan, Beijing University of Technology; Kristine M. Williams, University of South Florida
- 3.4 *Multivariate Analysis of Air Quality and Urbanization Characteristics: A Comparative Study of Cities in China and India*  
Sumeeta Srinivasan, Harvard University; Jie Lin, University of Illinois at Chicago; Peter Rogers, Harvard University
- 3.5 *Security at Airports*  
C.C. Hsin, MITRE Corp.

**Break 2:35 - 2:55 pm**

**Session 4. 2:55 - 4:15 pm    Infrastructure Design and Maintenance**

Moderator:    Peter C. Lai and Zhanping You

- 4.1 *Rigid Base Layer in Asphalt Pavement*  
Shuanfa Chen, Changan University
- 4.2 *Critical Temperature of Rutting Resistance for Bitumen Mixture*  
Jie Ji, Shifa Xu, Beijing Institute of Architecture and Civil Engineering
- 4.3 *Development and Application of the Maintenance Rating Program of City Roadway Networks in Taiwan*  
Chou, Chia-pei, National Taiwan University; Chen, Ai-chin, Kainan University; Liang, Hung-pin, Taipei County Government
- 4.4 *Taiwan Expressway Network and Tunnel Management*  
Chun-Ching Chang, Taiwan Area National Expressway Engineering Bureau, TANEED/MOTC, Taiwan

**Session 5. 4:15-5:50pm    Panel Discussion – Challenges and Opportunities in Transportation in Asia**

Moderators:    Jian Lu and Clay Chen

Panelists: Issac Chen, C. C. Fu, Min He, Eric P. Ho, Kuo-ping Huang,  
Zhongyin Guo, Xiaoduan Sun, Lei Yu, Yong Zhang

**Closing Remarks** Rongfang Liu and Eric P. Ho

### **WCTA/NACOTA CONFERENCE DINNER**

**Date** Sunday, January 22, 2006  
**Time** 18:30 pm – 22:00 pm  
**Place** Charlie Chiang's Restaurant  
**Tickets** Will be sold at the symposium

### **NACOTA/WCTA ANNUAL RECEPTION**

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JMW Engineering, Inc.  
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**Date** Monday, January 23, 2006  
**Time** 18:30 pm – 22:00 pm  
**Place** Courtyard Marriot, 1900 Connecticut Avenue NW, Washington, District of  
Columbia 20009 (across the street from the TRB Hilton hotel)