

The 11th Annual NACOTA/WCTA Technical Symposium on Important Issues of Transportation Development in China

Washington, D.C., January 13, 2008, Sunday



INTRODUCTION

The continuous economic development in China and its neighboring regions over the past two decades has led to rapid expansion in transportation activities and remarkable increase in private automobile ownership. All these contributed to the tremendous growth of travel demand and urban sprawl. Meanwhile, more large cities in China are facing major challenges in alleviating traffic congestion and improving traffic safety. It is imperative to call for additional investment in transportation system infrastructure and further development of effective and efficient methodologies and techniques for enhancing transportation planning, design, operations, and maintenance.

The 11th Annual NACOTA/WCTA Technical Symposium on Important Issues of Transportation Development in China will cover topics in research and applications that benefit current practices and promote future development of the advanced transportation technologies in China and its neighboring regions. This technical symposium provides a prestigious opportunity for transportation professionals from different countries and regions to share their research results, project experiences, and lessons learned; and/or exchange their opinions and concerns regarding socioeconomic impact, environmental protection, and other issues related to transportation development. People working in transportation or related fields including research institutes and public and private sectors are strongly encouraged to submit abstract for presentation and discussion at this symposium.

SCOPE

This technical symposium will focus on but not limited to the following issues:

- Energy and environmental effects of transportation systems;
- Freight transportation and logistics;
- Highway safety and crash prevention;

- Highway design and construction;
- Institutional issues in transportation;
- Intelligent transportation systems;
- Olympic game traffic management;
- Pavement design, evaluation, construction, and maintenance;
- Pavement materials (surface and subsurface);
- Public transportation systems;
- Railroad planning, design, and operations;
- Traffic detection systems;
- Traffic modeling and flow theories;
- Traffic operational plan for special events;
- Traffic simulation;
- Traffic system operations;
- Transportation data management;
- Transportation policy;
- Transportation system security; and
- Transportation training and education.

SYMPOSIUM CO-CHAIRS

Mr. Jim Yin
WCTA President
Metropolitan Washington Council of Governments
Tel: (202) 962 3361
jyin@mwkog.org

Dr. Rongfang (Rachel) Liu, P.E.
NACOTA President
New Jersey Institute of Technology
Tel: 973-596-5884
Fax: 973-596-5790
Email: rliu@njit.edu

EXECUTIVE COMMITTEE Co-Chairs:

Prof. Chung. C. Fu (WCTA)
Dept. of Civil and Environmental Eng.
University of Maryland
Tel: (301) 405 2011
Fax: (301) 314-9129
ccfu@umd.edu

Prof. Yin Hai Wang (NACOTA)
Dept. of Civil and Environmental Eng.
University of Washington
Tel: 206-616-2696
Fax: 206-543-1543

Email: yinhai@u.washington.edu

Program Co-Chairs:

Yongliang (Allen) Yang, P.E. (WCTA)
Precision Systems, Inc.
Tel: 202-686-8225
Fax: 202-686-8227
Email: psi@psivanness.com

Prof. Heng Wei (NACOTA)
Dept. of Civil and Environmental Eng.
University of Cincinnati
Tel: 513-556-3781
Fax: 513-556-2599
Email: heng.wei@uc.edu

Special Session Co-Chairs:

Dr. Mike Y. Houh (WCTA)
Precision System, Inc.
Tel: 202-686-8225
Fax: 202-686-8227
Email: psi@psivanness.com

Prof. Hongchao Liu (NACOTA)
Dept. of Civil and Environmental Eng.
Texas Technical University
Tel: 806-742-3523
Fax: 806-742-4168
Email: Hongchao.Liu@ttu.edu

ABSTRACT SUBMISSION

The presentation abstract is limited to one page and must include:

- Title
- Speaker name and contact information (mailing address, affiliation, email, phone number, and fax number)
- Problem statement
- Discussion of suggested solutions

If a solution has been applied, the abstract may also describe the effectiveness or significance of the solution.

The abstract may be written in English or Chinese, and must be submitted by **December 15, 2007** via either email or fax to Prof. Chung. C. Fu or Prof. Yin Hai Wang, the Executive Committee Co-Chairs.