



The 12th Annual NACOTA/WCTA Technical Symposium on Sustainable Transportation Development in China

Washington, D.C., January 11, 2009, Sunday

INTRODUCTION

The continuous economic development in China over the last two decades has led to a remarkable increase in private automobile ownership, tremendous growth in travel demand, and urban sprawl. More and more metropolitan areas are facing a variety of challenges in mitigating traffic congestion, improving traffic safety, and protecting urban environment. There has been a large amount of investments in the planning, design, construction, operations and maintenance of transportation infrastructures, as well as in the research and development of transportation technologies and systems. These challenges and opportunities have attracted tremendous public attention to how transportation systems can be further developed in a sustainable way and how transportation development may impact urbanization and socioeconomic conditions in suburban and rural areas. In addition, a crucial demand of a high-tech workplace poses a challenge to meet the demand of the rapid growth of the transportation industry by effectively integrating research into college transportation education.

The 12th Annual NACOTA/WCTA Technical Symposium on Sustainable Transportation Development in China will discuss critical issues in research, development, and education that promote sustainable development of advanced transportation in China and its neighboring regions. This technical symposium provides a platform for transportation professionals from different countries and regions to share their research results, project experiences, and lessons learned, and to exchange their opinions of and

concerns over the impact of transportation on socioeconomic development and the environment. Professionals in research institutes, public and private sectors are strongly encouraged to submit abstracts for presentation and discussion at this symposium.

SCOPE

This technical symposium will focus on, but not be limited to, the following topics:

- Public transportation systems
- Intelligent transportation systems
- Traffic operations and control
- Highway safety and crash prevention
- Incident management and emergency response
- Pavement materials (surface and subsurface) and pavement maintenance and rehabilitation
- Highway and bridge design, evaluation, construction, and maintenance
- Railroad planning, design, and operations
- Freight transportation and logistics
- Aviation
- Transportation impacts on energy and environment
- Institutional issues in transportation
- College education and university research in transportation engineering and planning, and
- Transportation professional training and continuing education.

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; and Solution and implication.

The abstract may be written in English or Chinese, and must be submitted by **December 1, 2008** via email to NACOTA.Symposium@gmail.com.

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Ads and special product exhibition will be provided to companies and organizations that are interested in sponsoring the symposium. For more details, please contact Dr. Ping Yi (pyi@uakron.edu), or Dr. Heng Wei (heng.wei@uc.edu), or Dr. Mike Houh (PSI@psivanness.com).