



Transportation and Development

Innovative Best Practices 2008

Proceedings of the First
International Symposium

Edited by
Louis F. Cohn, Ph.D., P.E.

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Preface

The First International Symposium on Transportation and Development – Innovative Best Practices (TDIBP 2008) was conceived as a forum addressing innovation and practice in transportation planning and development activities, as defined by the American Society of Civil Engineers' Transportation and Development Institute (T&DI) and the China Academy of Transportation Sciences (CATS). The goal of the symposium was to showcase innovative and best practices in transportation and development across three tracks. The tracks were: Improving Integrated Transportation and Development (Track A); Operations and Safety (Track B); and Asset Monetization, Security, Highway Design and Pavements (Track C).

TDIBP 2008 represents an initiative to enhance cooperation between T&DI and its counterparts in China, namely CATS. Such international cooperation is a top priority of both organizations. It is hoped that TDIBP 2008 is only the first in a series of symposia and other cooperative ventures by T&DI and CATS.

The impetus for the symposium came from the T&DI Board of Governors in 2005, under the leadership of then President Eva Lerner-Lam. President Lerner-Lam is the only member to head a major unit of ASCE while residing outside of the United States. She currently resides in Beijing, although she maintains a home in New York. The T&DI "China Initiative", under President Lerner-Lam's leadership, resulted in a Strategic Plan for a series of activities, of which this symposium is a major component.

T&DI is very much indebted to the leadership shown by TTEC (Transportation Technology Exchange Center) of CATS (China Academy of Transportation Sciences). TTEC Director Haiqing Wang and Ms. Juana Zhao were instrumental in making the symposium a success, and demonstrated a great vision regarding future collaboration with T&DI.

In 2005, a Steering Committee for this symposium was organized. The members of this committee are listed below.

Eva Lerner-Lam (Chair)
Marsha Anderson-Bomar
Peter Lai
Rachel Liu
Juana Zhao (CATS)

Kumares C. Sinha (Honorary Chair)
Louis F. Cohn
Jon Esslinger (T&DI Director)
Kam Movassaghi

A call for papers was issued in January, 2006, listing the theme of the conference. Approximately 400 abstracts were submitted for consideration. These abstracts were reviewed by a Program Committee, and ultimately 86 abstracts were accepted as written papers in the proceedings.

Preliminary versions of the papers were submitted to the Program Committee and they were peer reviewed by members of T&DI. In addition, numerous T&DI members volunteered to assist the Chinese authors in bringing the English quality up to ASCE publication standards. These papers and presentations were organized into a formal program by the Steering Committee, assisted by members of the T&DI Board of Governors and ASCE staff.

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University of Louisville
Member, TDIBP 2008 Steering Committee and
Proceedings Editor

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