



**8TH ASIA PACIFIC CONFERENCE  
TRANSPORTATION and the ENVIRONMENT (8TH APTE 2012)  
6-8 June 2012, BP SAMILA BEACH HOTEL & RESORT, Thailand**

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Transport related developments in many countries of the Asia Pacific region have led to a number of environmental impacts and concerns over the likely consequences of these impacts. The national and regional transportation infrastructure development and traffic operations in urban centers in particular, require careful planning so as to mitigate the negative social and environmental impacts.

To promote environmentally friendly practices in transportation infrastructure developments and traffic managements, Thailand, as a representative of the developing countries, was selected by the APTE international steering committee at the 8th APTE in Songkhla (Thailand) to host the 8th APTE in 2010.

The Conference scope covers various modes of transportation (air, land and sea) and inter-modal operations. It addresses the social and environmental related issues of all aspects of transportation operations and infrastructure development, encompassing activities of different phases such as Planning, Design, Construction, Maintenance, Rehabilitation, Management, Research and Training. The objective of this conference is to promote the use of environment-enhancing transportation infrastructure development strategies, operation control technologies and management techniques, with special focus on potential applications in the Asia Pacific region.

This eight conference will follow the successful format of the earlier conferences to encourage interaction among the participants. The seven previous conferences were:

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|------------------------------------|--------------------------------|
| 1st APTE 1998, Singapore           | 2nd APTE 2000, Beijing, China  |
| 3rd APTE 2004, Singapore           | 4th APTE 2005, Xi'an, China    |
| 5th APTE 2007, Singapore           | 6th APTE 2009, Shanghai, China |
| 7th APTE 2010, Semarang, Indonesia |                                |

This conference is supported by two Thai institutions, i.e. Prince of Songkla University and TSTS. Please refer to the following links: [www.ce.eng.psu.ac.th/APTE8](http://www.ce.eng.psu.ac.th/APTE8).

**The topic of the papers could be categorized into seven groups as follows.**

**Group 1: Transportation development**

- Transportation user related issues
- Transportation operations related issues
- Transportation facilities related issues
- Environmentally sound technology on transportation development
- Economic, social and environmental issues of transportation development
- Energy related issues on transportation development

**Group 2: Freight transportation**

- Transportation of hazardous goods
- Vehicle/carrier technology and related issues

**Group 3: Public transportation**

- Impacts of freight transportation
- Impacts of land/sea/air traffic operations
- Roles of public transport and para-transit

**Group 4: Transportation safety**

- Road safety
- Traffic accidents

- Mitigation strategies and policy

**Group 5: Evaluation of environmental-impact measures**

- Environmental awareness program
- Environmental impacts assessment (EIA)
- Mitigation measures for reducing adverse environmental impacts
- Measures to reduce adverse environmental impacts
- Control of transport-related air pollution, noise, vibration etc

**Group 6: Transportation management**

- Benefits of traffic management systems
- Policy and management related issues
- Demand management in road transport
- Transportation and land use development

**Group 7: Pavement engineering and material**

- Recycling pavement technology
- Use of waste material in road construction

**The Scientific Committee of this conference is as follows**

- Professor Fwa Tien Fang (National University of Singapore)
- Professor Pichai Taneerananon (Prince of Songkla University, Thailand)
- Professor Zhou Wei (China Academy of Transportation Sciences, China)
- Professor S. S. Jain (Indian Institute of Technology Roorkee, India)
- Professor Yoshitsugu Hayashi (Nagoya University, Japan)
- Professor Arun Kumar (Queensland University of Technology, Australia)
- Professor S. C. Wong (The University of Hong Kong, Hong Kong)

**ADVISORY COMMITTEE:**

- Assoc. Prof. Dr. Boonsom Siribumrungsukha (Rector of Prince of Songkla University, Thailand)
- Assoc. Prof. Dr. Charun Bunyakan (Dean of Faculty of Engineering, Prince of Songkla University, Thailand)

**ORGANIZERS:** Faculty of Engineering, Prince of Songkla University, Thailand

**ORGANIZING COMMITTEE:**

- Chair: Professor Dr. Pichai Taneerananon (Prince of Songkla University, Thailand)
- Member: Assoc. Prof. Dr. Tanit Chalermyanont
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- Member: Mr. Opas Somchainuek
- Member: Mr. Sulkiflee Mama
- Secretary: Assoc. Prof. Saravut Jaritngam

**Paper Submission**

The participants require to submit full paper file in PDF format to the following e-mail address: [apte08@gmail.com](mailto:apte08@gmail.com)

The important dates for paper submission are as follows.

- Deadline of full paper submission : 15 November 2011
- Notification of acceptance of paper : 15 March 2012
- Deadline for submission of camera-ready manuscripts : 01 April 2012