

# Abstract Submission Form



## 2010 ITE Western District Annual Meeting

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Paper Title:

A Sustainable Transportation Master Plan for the Guangzhou New City South Axis

Relevant Session/Topic:

Multi-Modal Transportation Planning, Transit Oriented Development

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**Abstract:** 250 words maximum. Use 12 point Arial font, single space.

The City of Guangzhou, China has commissioned a wide range of transportation projects to improve accessibility in the South Axis area of its New City Core Area. The city has ambitious plans for this South Axis area, an area of about 16 square kilometers to be developed in the next 15 years with investments of \$6.5 billion in projects, with the objective of becoming China's most livable and sustainable area.

Of paramount importance is satisfying the growing transportation demand of the 10 million Guangzhou residents and future residents in the South Axis area, which is increasingly biased toward the automobile mode. This master planning effort focuses on development of a comprehensive multi-modal transportation system, smart land use policies, green planning principles, and transportation demand and system management to reduce usage of personal automobiles.

Through design competitions and technical workshops with consultant teams and local officials, a modern streetcar system, a comprehensive water-based transportation network, an area wide pedestrian and bicycle network, and multi-modal transit hubs were proposed. In addition, policies were proposed for implementation to discourage personal automobile usage in the South Axis area.

This paper will present the overall master planning effort for the proposed multi-modal transportation system to complement the existing and planned mass transit systems. Specific discussions will be focused on the development of the alignment of the modern streetcar system and the water-based transportation system around high-density areas, and the multi-modal transit hubs.

**Abstracts are due by 5:00pm on Monday, January 4, 2010.**

e-mail your abstracts to:

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