

Special Issue Call for Papers

Special Issue on: State and Regional Freight Demand Modeling

International Journal of Transportation

(<http://www.sersc.org/journals/IJT/>)

Submission Deadline: April 30, 2014

Paper Submission

The papers will be subject to the usual peer review process of International Journal of Transportation. Criteria for acceptance include originality, contribution, scientific merit, accuracy and readability. The final paper format must follow the standards found in the International Journal of Transportation – “Instructions for Authors” guide, available online at: <http://www.sersc.org/journals/%5BSERSC%5D%20Author%20Guidelines.pdf>

Authors should submit the manuscript to the online submission system at:
<http://submission.sersc.org/IJT/S17>.

Expected Dates Schedule (Important Dates)

- Submission Deadline: April 30, 2014
- Notification of Acceptance: August 31, 2014
- Final Version Due: September 30, 2014
- Special Issue Publishing Date (you want):
December 2014

Merits of your special issue

Public sector needs to forecast future transportation needs for both people and goods in order to provide infrastructure and resources that make such movement possible, while private sector also needs such forecasts in order to anticipate future financial investments such as equipment acquisition, labor requirements, etc. Although transportation modeling for people's movement has attained a certain degree of maturity, its counterpart for goods' movement is still in an early stage of development. People believe that there is a forthcoming crisis with regard to capacity to move goods and much of the current transportation infrastructure is not going to handle expected future freight traffic movement. Understanding and forecasting freight traffic movement is a key to determining the need for future transportation capacity and planning for future infrastructure investment, sustainable urban forms, healthy and safe environment, and economic competitiveness. This special issue will deliver a set of collective knowledge on the status of practices in state and regional planning organizations and implications on what things to be done in order to meet our needs.

Guest Editors

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Aim and Scope

This special issue will focus on concise reporting of original research. Special attention will be given to papers reporting on actual or potential planning applications leading to tightly incorporating freight component in planning process and policy implementation. This is also devoted to prevailing issues and challenges, innovating and challenging methods and techniques related to the development of freight demand modeling and integration with other applications. This issue is directed at a wide array of planners, engineers, geographers, policy makers, and scientists working directly on planning applications of travel demand forecasting and transportation plan or wishing to maintain an up to date knowledge of this emerging and exciting field.

Topics

The suggested core topics in this special issue are:

- Freight Policy, Planning, and Programming
- Urban and Regional Goods Movement
- Urban Freight Data for Planning
- State Freight Demand Modeling Activities
- Urban and Regional Freight Demand Modeling Activities
- Challenges and Opportunities in Freight Demand Modeling
- Vehicle –based VS. Commodity-based modeling
- Supply-Chain and Freight Demand Modeling