

Journal of Advanced Transportation

Call for papers for the special issue entitled:

‘Recent Advances and Practices in Dynamic Traffic Assignment’

Guest editors:

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Abstract

The concept of dynamics is now a fundamental factor in traffic assignment models. Many studies now incorporate the temporal change of traffic flow within each day into their models to describe the nature of traffic flow in road networks. As well as the within-day dynamics, another type of dynamics, called ‘day-to-day dynamics’, has been also investigated to express changes in users’ behaviour in the long term. Although these dynamics have been studied for a long time in the area of transport network analysis, many theoretical issues are left unsolved and empirical evidences of the dynamics should be widely collected. In the practical sense, some pioneers have been attempting to apply dynamic models to solve problems in the real world; the results of this attempt can be reflected by improvement in the models. In this special issue, we invite papers discussing the recent advances in dynamic traffic assignment models for road networks and multi-modal transport networks, both within-day dynamics and day-to-day dynamics, and excellent practical cases to improve the study area of dynamics in transport network studies.

Expected number of papers

Approx. 6 to 7 papers

Deadline of the submission is 7th January 2011 (extended)

Submissions can be made at ScholarOne Manuscripts <http://mc.manuscriptcentral.com/atr>.

Important Note: Authors should flag each paper as a special issue paper when they submit online. Please answer ‘YES’ to the question ‘Is this submission for a special issue?’ and quote ‘DTA2010’ as the special issue title. Please follow the author guidelines shown as follow when you prepare your manuscript: <http://www3.interscience.wiley.com/journal/123197986/home/ForAuthors.html> .

Tentative deadlines (subject to change)

Mar. 2011 Notification of the acceptance

June. 2011 Revised paper submission deadline

We plan to publish the special issue around fall/winter 2011.

Any further information will be announced on the website:

<http://www.research.kobe-u.ac.jp/eng-transurb/DTA2010/specialissue.html>