

CALL FOR PAPERS -- Special issue in Transportation Research Part B

Please see below information about a call for submission to a special issue in Transportation Research Part B. It focuses on "Optimization of Urban Transportation Service Networks", and will be guest edited by Nikolas Geroliminis (EPFL), Marco Nie (Northwestern), and Yanfeng Ouyang (UIUC). The deadline for manuscript submission is June 15, 2014.

We define urban transportation service networks broadly as any interconnected infrastructure systems (physical or virtual) and the associated enabling technologies and operations that provide service to public or private transportation demand in an urban setting. Planning, operation and management of such networks generally involve multiple interacting stakeholders who endogenously make decisions based on individual, sometimes conflicting, objectives, and various stressors that are either steady (e.g., aging, deterioration) or transient (e.g., disasters). Rapid advances have been made recently, in terms of both new methodological approaches and innovative applications, to enhance efficiency, sustainability, and resilience of transportation service networks. This special issue aims to scrutinize the efforts the community has made so far and discuss opportunities that lie ahead. The scope will cover all aspects of urban transportation service networks, with an emphasis on large-scale systems, including but not limited to:

- * Planning and management of service infrastructures and fleets
- * Operations and control of transportation service networks
- * Cyber-enabled transportation service networks
- * Urban freight logistics and supply chains
- * Preparedness, robustness, and recovery of service networks against unexpected events
- * Traffic network management and control
- * Transit system design, operations, and control
- * Mechanism design for service management (e.g., pricing, rationing)
- * Emerging transportation services (e.g., car sharing, EV charging)

More detail may be found at the following link:

<http://www.journals.elsevier.com/transportation-research-part-b-methodological/call-for-papers/a-special-issue-of-transportation-research-part-b/>

Thank you, and we look forward to your submission.