

Special issue “Innovative Travel Survey Methods and Behavior Modeling in the Era of Big Data”

Special Issue Information

Travel survey and behavior modeling are still obviously important for rigorous evaluations of projects and/or policies in transportation planning. Classical large-scale travel surveys (e.g. paper-based questionnaire), which have been applied in many cities in the world, have faced several challenging problems such as increased survey costs, decline in the quality or reliability of the results, less continuity, etc. The scope of transportation planning at present has become diverse and it would cover a variety of subjects including demand management, environment, health, gender, evacuation, etc. Moreover, there have been dramatic expansions in travel data collection with the rapid spread of information communication technology.

We welcome papers that are related to all aspects of innovation in travel survey methods and corresponding travel behavior modeling that show innovations in approach, outcomes, and state-of-practice. We also encourage papers that describe future directions of travel surveys based on practical experiences in transportation planning. Possible topics for papers submission include, but are not limited to:

- Innovative methods for travel survey and/or travel behavior modeling,
- New data collection, new modeling methodologies, and their integrations,
- Promoting the appropriate use of big data in transportation,
- Best practices of transportation modeling applications, and
- Future prospects in travel survey in developing countries.

Important Dates

- ✓ Submission deadline: October 15, 2018
- ✓ Notification of the first review results: December 1, 2018
- ✓ Notification of the final review results: January 15, 2019
- ✓ Issue of publication: March 1, 2019

Paper Submission

Follow the “Instructions for Authors” of Asian Transport Studies (ATS), which is available at http://www.easts.info/publications/ats/Instructions_for_Authors.html. Please note that the manuscript is submitted to the special issue “Innovative Travel Survey Methods and Behavior Modeling in the Era of Big Data,” when submitting your paper to the editor-in-chief of ATS by e-mail (ats-editor@ip.civil.t.u-tokyo.ac.jp).

Guest Editor

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