

Call for papers - Special Issue of the *Transportmetrica*

Innovative Activity-Travel Behavior Analysis for Universal Mobility Design

Guest Editors:

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Transportation and urban services should be provided for all the people to support their participation in various activities, such as work, education, sports, leisure and recreational activities, and tourism by clearing away all sorts of physical and mental barriers. For example, increasingly more women wish or need to work after getting married and giving birth to their children; increasingly more elderly are hoping to participate in various social and voluntary activities after retirement. Needless to say, disabled people want to enjoy their life just like everyone else. Young children should also be well served with safe and comfortable urban and transportation environments. However, in reality, these and other groups of people, including pregnant women, women traveling with infants or toddlers, ethnic minorities, lower income groups, and foreign visitors with language difficulties, become increasingly excluded from mainstream society through accessibility barriers to daily and vital services (e.g., locations of employment, hospitals, healthcare and shops). To better service these groups of people, universal mobility design should be promoted. In order to implement effective universal design, a better understanding of activity-travel behavior of these groups is required.

The aforementioned groups of people usually encounter more barriers, face more constraints when planning and implementing their activity-travel behavior, compared with other groups of people. For example, their activity space might be extremely limited. More importantly, these people might also have different decision-making mechanisms (e.g., non-compensatory rules or attribute-based decision might be dominant), information searching (e.g., choice set might be very limited) and factors affecting their behaviors. And even the way that factors affect their behaviors might be different from other types of people. They might have different needs for activity and travel facilities, and show completely different activity-travel patterns. In other words, these people might show various differences across the whole processes of decision-making and behavior performance. However, it seems that the activity-travel behavior of these people has received relatively little attention. Motivated by these points, we would like to **call for papers for the special issue “*Innovative Activity-Travel Behavior Analysis for Universal Mobility Design*”** in the journal of *Transportmetrica*.

Topics of interest specifically related to the groups mentioned above from the

perspective of modeling, survey and analysis include, but are not limited to,

- 1) Task and time allocation
- 2) Activity generation
- 3) Activity space and accessibility
- 4) Chauffeuring behavior for children and elderly people
- 5) Joint activity participation and trip-making
- 6) Job choice and activity-travel scheduling
- 7) Travel information, etc.

Other general activity-travel behavior research topics are also welcome, but should relate to the above-mentioned groups. Comparative studies are especially welcomed.

The length of each paper, including the abstract and references, may not exceed 8,000 words (note that each table, figure, or photograph accompanying the text counts as 250 words). Authors are further advised to seek guidance for *Transportmetrica*, prior to submitting a paper for this special issue, from the following URL:

<http://www.tandf.co.uk/journals/ttra>

Process of Submission / Review:

Step 1: Extended abstract submission and review

Papers will be first selected on the basis of extended abstracts (about 1,000 words). The abstracts will be reviewed mainly by the two editors.

Step 2: Full paper submission and review

Each submission of full paper will be double blind reviewed by at least two referees and one of the guest editors. A two-phase review process is planned, to allow for revised papers. Since each issue of *Transportmetrica* usually takes about 4-5 papers depending on their lengths (in total, 80 pages), it is a competitive process and best papers will be published.

Important Dates:

Submission of extended abstract due:	Saturday, 20th June, 2009
Notification of acceptance of extended abstract:	Wednesday, 15th July, 2009
Submission of full paper due:	Wednesday, 30th September, 2009
Feedback from first phase reviews issued:	Monday, 30th November, 2009
Revised manuscripts due:	Sunday, 28th February, 2010
Feedback from second phase reviews issued:	Wednesday, 31st March, 2010
Final manuscripts due:	Wednesday, 30th June, 2010
Planned publication:	2010

The final deadlines for the submissions of extended abstracts and full papers are 20th June and 30th September, 2009, respectively, but the editors strongly encourage early submission. Manuscripts should be submitted electronically, as Word or PDF documents, to Junyi Zhang at: zy@hiroshima-u.ac.jp by the deadline dates.