

Call for Papers
86TH TRB ANNUAL MEETING
JANUARY 21-25, 2007
WASHINGTON, DC

Title: Advances in Statistical Methods for Activity-Travel Behavior Analysis

Subject Area: Travel Analysis Methods

The **TRB Committees on Transportation Demand Forecasting (ADB40), Traveler Behavior and Values (ADB10), and Statistical Methodology and Statistical Computer Software in Transportation Research (ABJ80)**, are collaborating to organize one or more sessions on advances in statistical methods for the analysis and modeling of activity-travel behavior, transport demand, and traveler attitudes and values. The past decade has proven to be a milestone period in the rapid advancement of statistical and econometric methods and software for activity-travel behavior modeling. These advances have provided the ability to analyze complex relationships and decision processes underlying human activity-travel patterns and behavioral responses to a wide range of transport and land use policies.

The proposed session(s) would offer the statistical modeling community the opportunity to highlight and describe recent advances in the development and application of new and innovative statistical and econometric methods for activity-travel-time use analysis. There have been major advances in estimating and applying simultaneous equations systems involving mixed endogenous variables, advanced discrete choice model systems that account for heterogeneity, and a wide variety of other advanced statistical models. Key advances have also been made in choice set generation, sampling of alternatives, simulation methods, semi-parametric and non-parametric approaches, and the application of Bayesian methods. The time is ripe for holding sessions that highlight these advances, demonstrate their application, and identify future research and development activities that will further enhance the ability to model complex behavioral relationships.

Please indicate **ADB40D** on the Submission Review form to indicate that the paper is being submitted in response to this Call for Papers. Papers for the 2007 Annual Meeting must be submitted electronically **no later than August 1, 2006. Papers cannot be accepted after August 1, 2006 because of the time required for peer review and program development.** Please prepare manuscripts according to the guidelines at <http://www.trb.org/guidelines/authors.pdf> and identify/select this Call for Papers when submitting your paper through the paper submission website. Paper submission information is posted on the TRB Annual Meeting website <http://www.trb.org/meeting/>.

In addition, **authors submitting papers in response to this call for papers** are requested to send an e-mail with the paper number and title by **August 3**, to the **Coordinator for this Call for Papers**:

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