

Call for Papers
82nd TRB Annual Meeting
January 12—16, 2003
Washington, DC

The Use of Qualitative Methods in Transportation Research

The new **TRB Subcommittee on Qualitative Methods, A1C04(6) of the Committee on Traveler Behavior and Values, A1C04** invites papers on topics related to qualitative methods in transportation and travel behavior research at the 82nd Annual Meeting of the Transportation Research Board to be held January 12—16, 2003 in Washington, D.C. This is an invitation to transportation researchers and practitioners from all disciplines to share their ideas, work, and experiences using a variety of qualitative methodologies.

First, the subcommittee is requesting papers from a variety of perspectives and disciplines that explore the issues surrounding the use of qualitative methods in transportation research and practice. Below is a list of possible paper topics, although by no means exhaustive:

- Research projects that employ qualitative research methodologies, exclusively or in concert with quantitative methods
- Data collection issues, tools, techniques, and management
- The use of software for analysis of qualitative data
- Analytical issues arising from the use qualitative methodologies
- Pedagogical issues in training transportation professionals to use these methods
- Theoretical issues in qualitative research
- The integration of qualitative research methods and quantitative methods
- Emerging research areas where qualitative methods are appropriate

Papers will be peer reviewed for presentation and/or publication for the upcoming TRB Annual Meeting.

Deadline: August 1, 2002. Updated paper submission information will be posted on the TRB website <http://www4.trb.org/trb/annual.nsf> later this spring.

Please indicate **A1C04B** on the Submission Review form that the paper is being submitted in response to a “call for papers” from the *TRB Subcommittee on Qualitative Methods (A1C04(6))*. Papers for the 2003 Annual Meeting may be submitted after May 1, 2002, **but no later than August 1, 2002. Papers cannot be accepted after August 1, 2002 because of the time required for peer review and program development.**

Second, the subcommittee is soliciting participation from those researchers and practitioners who currently employ qualitative methods or have an interest in learning more about the use of these methods in their work. If interested in becoming involved or learning more about this new subcommittee, please contact the subcommittee chair.

Please direct inquiries about the subcommittee or this call for papers to:
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Spatial Behavior Modeling and Route Choice

The **TRB Subcommittee on Route Choice and Spatial Behavior, A1C04(2) of the TRB Committee on Traveler Behavior and Values, A1C04** invites papers on topics related to “Spatial Behavior Modeling and Route Choice”.

This call for papers is in the broad area of spatial behavior modeling for route choice which is at the confluence of several disciplines including traveler behavior, network analysis, traffic flow modeling, computational intelligence, user information systems, and advanced sensor systems. New methods and directions with the potential to provide better insights on learning are emerging.

Papers are invited on a broad range of topics related to analytical, simulation, or hybrid methods to model route choice and spatial behavior from several perspectives including uncertainty, information provision, system evolution, and spatial learning. Application domains include (but are not limited to) real-time traffic system operations and control, day-to-day behavior dynamics, networks equipped with advanced traveler information systems, freight transportation, and traffic flow modeling. Papers dealing with experimental game approaches for the study of behavior dynamics, interactive experiments, game simulations and intelligent agents in this context are also encouraged.

Papers will be peer reviewed for presentation and/or publication for the upcoming TRB Annual Meeting.

Deadline: August 1, 2002. Updated paper submission information will be posted on the TRB website <http://www4.trb.org/trb/annual.nsf> later this spring.

Please indicate **A1C04C** on the Submission Review form that the paper is being submitted in response to a “call for papers” from the *TRB Subcommittee on Route Choice and Spatial Behavior, A1C04(2)*. Papers for the 2003 Annual Meeting may be submitted after May 1, 2002, **but no later than August 1, 2002. Papers cannot be accepted after August 1, 2002 because of the time required for peer review and program development.** Also, submit your paper abstract by email to the session organizer (see below) with a note that you have submitted the paper to TRB.

Further information about this call for papers may be obtained from:

Srinivas Peeta, Chair, A1C04(2)
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Data Collection Mechanisms and Empirical Data for Route Choice Modeling

The **TRB Subcommittee on Route Choice and Spatial Behavior, A1C04(2) of the TRB Committee on Traveler Behavior and Values, A1C04** invites papers on topics related to “Data Collection Mechanisms and Empirical Data for Route Choice Modeling”.

Critical data needs exist for route choice modeling. The lack of relevant data is a barrier to model development as model validation and calibration are vital to the practical relevance of the associated models. In this context, the recent advent of advanced technologies in the Transportation arena is providing powerful new opportunities for more robust route choice and spatial behavior modeling through the collection of more relevant data. Also, empirical data can shed light on routing behavior under varying traffic conditions, traffic controls and traveler information systems.

Papers are invited on topics related to data collection mechanisms and empirical data for route choice and spatial behavior modeling. They should highlight how the advanced technologies and/or novel methodologies aid spatial data-gathering, enhance model development, and/or provide insights on routing behaviors. Relevant topics include GPS and/or GIS based systems, the data collection mechanisms, use of simulated data, use of a combination of simulated and real-world data, and empirical evidence of route choice behaviors in response to traffic conditions, traffic controls and information systems.

Papers will be peer reviewed for presentation and/or publication for the upcoming TRB Annual Meeting.

Deadline: August 1, 2002. Updated paper submission information will be posted on the TRB website <http://www4.trb.org/trb/annual.nsf> later this spring.

Please indicate **A1C04D** on the Submission Review form that the paper is being submitted in response to a “call for papers” from the *TRB Subcommittee on Route Choice and Spatial Behavior, A1C04(2)*. Papers for the 2003 Annual Meeting may be submitted after May 1, 2002, **but no later than August 1, 2002. Papers cannot be accepted after August 1, 2002 because of the time required for peer review and program development.** Also, submit your paper abstract by email to the session organizer (see below) with a note that you have submitted the paper to TRB.

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Economies of Scale in Sustainable Freight Transportation Systems

***Sponsor:* TRB Subcommittee on Behavioral Aspects of Freight Transportation, A1C04(5) of the TRB Committee on Travel Behavior and Values, A1CO4**

Recent years have seen economies of scale being sought in a variety of line haul freight operations (megaships, double-stack trains, dedicated jumbo cargo airplanes, longer combination trucks). Heavy consolidation of freight handling is also being sought through large cargo hubs. One result is considerable and costly congestion at seaports, airports, and other large transfer terminals. Papers are sought that a) explore and explain these recent trends in freight logistics from the perspective of the various agents involved, b) consider the likely impacts of such trends on future transportation patterns and costs, and c) look at ways to take advantage of current trends in freight logistics practices to deliver more goods while using less fuel and fewer vehicle miles and hours of travel. A growing volume of this freight is now being handled through the outsourcing of freight logistics to very large, typically Internet-based 3PL and 4PL freight handling companies. Papers that explore this trend and its implications for freight movements are also of considerable interest.

Papers will be peer reviewed for presentation and/or publication for the upcoming TRB Annual Meeting.

***Deadline:* August 1, 2002.** Updated paper submission information will be posted on the TRB website <http://www4.trb.org/trb/annual.nsf> later this spring.

Please indicate **A1C04E** on the Submission Review form that the paper is being submitted in response to a “call for papers” from the *TRB Subcommittee on Behavioral Aspects of Freight Transportation, A1C04(5)*. Papers for the 2003 Annual Meeting may be submitted after May 1, 2002, **but no later than August 1, 2002. Papers cannot be accepted after August 1, 2002 because of the time required for peer review and program development.** Persons wishing to present a paper should forward a short abstract, via e-mail or fax, to the session organizer:

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