

Workshop A7 - Making the transition to new methods for travel survey sampling and data retrieval

Workshop chair:

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New methods are evolving for both sample selection and data retrieval methods in travel surveys. In sampling, there is a transition toward new methods to reach cell phone-only households and a new generation of respondents. In data retrieval, there is a transition toward web-based and GPS/smartphone-based response formats. In this workshop, we will hear about examples from recent practice and discuss questions such as: How can we best compare and assess the relative efficiencies and potential biases of these methods? How should we manage the transition to new methods, particularly when it may be necessary to use multiple methods in a single survey to accommodate different types of respondents? How might these methods evolve further in the coming years?

In Session 1, the presentations and discussions will focus on discussing the transition to new sampling methods. In Session 2, the focus will be on the transition to new data retrieval methods. The final session will be devoted to drawing conclusions from the first two sessions and developing recommendations for practice.

Papers for oral presentation

- Florian Aschauer, Reinhard Hössinger and Regine Gerike.
Reporting quality of travel and non-travel activities: a comparison of three different survey formats
- Dana Gruschwitz, Johannes Eggs, Angelika Schulz and Claudia Nobis.
Addressing Respondents Using Different Contact Channels and Offering Different Survey Instruments
- Siva Srikukenthiran, Khandker Nurul Habib and Eric Miller.
Impact of a Multiple Survey Frames on Data Quality of Household Travel Surveys: The case of the 2016 Transportation Tomorrow Survey
- Rebekah Straub Anderson, Elizabeth Greene, Chloe Ritter, Leah Flake and Gregory Giaimo.
Smartphone-Based Household Travel Survey in Ohio

Papers for poster presentation related to workshop

- Jennifer McSaveney.
Online and GPS: a national travel survey perspective
- Christine Weiss, Bastian Chlond, Clotilde Minster, Christian Jödden and Peter Vortisch.
Assessing the effects of survey design adaptations towards a mixed-mode approach in the German Mobility Panel

- Marcus Baeumer, Heinz Hautzinger, Manfred Pfeiffer and Tobias Kuhnimhof.
The German Vehicle Mileage Survey 2014: Striking the balance between methodological innovation and continuity
- João de Abreu E Silva and Claire Papaix.
The influence of information-based Transport Demand Management measures in commute mode choice. Comparing web based and face to face surveys.
- Behrang Assemi, Mahmoud Mesbah and Mark Hickman.
Can Smartphone Travel Surveys Improve our Understanding of Young People's Travel Behaviour?
- Caroline Bayart and Patrick Bonnel.
Mixed-modes surveys and data comparability issues: a French case study
- Stephan Krygsman.
Using Smartphone Applications to source travel data New wine in New bottles