

Participant Information Sheet

Study Title: Investigating the validity of the methodology and results produced from modelling new transportation technologies and business models in Land Use and Transport Interaction (LUTI) models.

Researcher: Paraskevi Sarri

ERGO number: 76855

You are being invited to take part in the above research study. To help you decide whether you would like to take part or not, it is important that you understand why the research is being done and what it will involve. Please read the information below carefully and ask questions if anything is not clear or you would like more information before you decide to take part in this research. You may like to discuss it with others but it is up to you to decide whether or not to take part.

What is the research about?

My name is Paraskevi Sarri and I am a Ph.D. Candidate at the University of Southampton in the United Kingdom. I am researching the impact of new transportation technologies and business models on the urban structure. Thus, I have been utilising the principles of Land Use and Transport Interaction (LUTI) modelling in order to develop a methodology to simulate new transportation technologies and business models and forecast land use and accessibility effects. The selected case study for this analysis is the West Midlands region (UK) and its urban cores. I am inviting you to participate in this survey, because you are a professional and expert in the field and on part of this project is to validate this new developed methodology as well as the results that it produces, based on experts' views and suggestions using the Delphi method.

This study was approved by the Faculty Research Ethics Committee (FREC) at the University of Southampton (Ethics/ERGO Number: 76855).

Why have I been asked to participate?

You have been asked to take part because you are an expert in the field of Transportation Planning and Engineering and/or Urban and Regional planning and you are an adult.

I am aiming to recruit around 20 participants for this study.

What will happen to me if I take part?

This study involves completing an anonymous questionnaire which should take approximately 10 minutes of your time. After data has been collected, a follow up questionnaire will also be sent to you in the following round, which will have similar structure with this and in which you will also be presented with the aggregated responses per question from the previous round (not individual), in order for you to consider changing your answer. It is important for this analysis that consensus among participants is reached, thus 2 or 3 rounds are usually conducted for this analysis. As this survey is anonymous, the researcher will not be able to know whether you have participated, or what answers you provided.

Are there any benefits in my taking part?

If you decide to take part in this study, you will not receive any direct benefits; however, your participation will contribute to knowledge in this area of research.

Are there any risks involved?

It is expected that taking part in this study will not cause you any psychological discomfort and/or distress, however, should you feel uncomfortable you can leave the survey at any time.

What data will be collected?

The collected data will be answers to:

- Multiple-choice questions to identify participants' area of expertise, however the identity of the respondent will remain anonymous. It is essential to know if they are working in academia or in research and which exactly is their area of expertise, as their insights on the topic might be different.
- Questions on the impact of new transportation technologies and business models on current transportation systems and on the urban and regional structure.

For example, questions related to the impact of automated vehicles on values of time, to the impact vehicle connectivity might have on passenger car units and also the possible effects these may have on accessibility and land use in urban and suburban areas.

- A Section for participants to include any comments regarding the questions they have been asked, in case they might have something to add or comment to.

Will my participation be confidential?

Your participation and the information we collect about you during the course of the research will be kept strictly confidential. Responses will be stored on a secure university server.

Only members of the research team and responsible members of the University of Southampton may be given access to data about you for monitoring purposes and/or to carry out an audit of the study to ensure that the research is complying with applicable regulations. Individuals from regulatory authorities (people who check that we are carrying out the study correctly) may require access to your data. All of these people have a duty to keep your information, as a research participant, strictly confidential.

Do I have to take part?

No, it is entirely up to you to decide whether or not to take part. If you decide you want to take part, you will need to sign a consent form to show you have agreed to take part.

What happens if I change my mind?

You have the right to change your mind and withdraw at any time without giving a reason and without your participant rights being affected.

You can withdraw by closing the web browser tab you have opened to access to questionnaire from the URL provided in the invitation email.

If you withdraw from the study, we will keep the information about you that we have already obtained for the purposes of achieving the objectives of the study only.

What will happen to the results of the research?

Your personal details will remain strictly confidential. Research findings made available in any reports or publications will not include information that can directly identify you without your specific consent.

Where can I get more information?

You can always ask more information by sending an email to Paraskevi Sarri (email: ps2u17@soton.ac.uk).

What happens if there is a problem?

If you have a concern about any aspect of this study, you should speak to the researchers who will do their best to answer your questions. If you remain unhappy or have a complaint about any aspect of this study, please contact the University of Southampton Research Integrity and Governance Manager (023 8059 5058, rgoinfo@soton.ac.uk). You can also contact the members of the research team by email:

Paraskevi Sarri (email: ps2u17@soton.ac.uk), Dr Ioannis Kaparias: (email: i.kaparias@southampton.ac.uk),
Professor John Preston (email: j.m.preston@soton.ac.uk)

Data Protection Privacy Notice

The University of Southampton conducts research to the highest standards of research integrity. As a publicly-funded organisation, the University has to ensure that it is in the public interest when we use personally-identifiable information about people who have agreed to take part in research. This means that when you agree to take part in a research study, we will use information about you in the ways needed, and for the purposes specified, to conduct and complete the research project. Under data protection law, 'Personal data' means any information that relates to and is capable of identifying a living individual. The University's data protection policy governing the use of personal data by the University can be found on its website (<https://www.southampton.ac.uk/legalservices/what-we-do/data-protection-and-foi.page>).

This Participant Information Sheet tells you what data will be collected for this project and whether this includes any personal data. Please ask the research team if you have any questions or are unclear what data is being collected about you.

Our privacy notice for research participants provides more information on how the University of Southampton collects and uses your personal data when you take part in one of our research projects and can be found at <http://www.southampton.ac.uk/assets/sharepoint/intranet/Is/Public/Research%20and%20Integrity%20Privacy%20Notice/Privacy%20Notice%20for%20Research%20Participants.pdf>

Any personal data we collect in this study will be used only for the purposes of carrying out our research and will be handled according to the University's policies in line with data protection law. If any personal data is used from which you can be identified directly, it will not be disclosed to anyone else without your consent unless the University of Southampton is required by law to disclose it.

Data protection law requires us to have a valid legal reason ('lawful basis') to process and use your Personal data. The lawful basis for processing personal information in this research study is for the performance of a task carried out in the public interest. Personal data collected for research will not be used for any other purpose.

For the purposes of data protection law, the University of Southampton is the 'Data Controller' for this study, which means that we are responsible for looking after your information and using it properly. The University of Southampton will keep identifiable information about you for 10 years after the study has finished after which time any link between you and your information will be removed.

To safeguard your rights, we will use the minimum personal data necessary to achieve our research study objectives. Your data protection rights – such as to access, change, or transfer such information - may be limited, however, in order for the research output to be reliable and accurate. The University will not do anything with your personal data that you would not reasonably expect.

If you have any questions about how your personal data is used, or wish to exercise any of your rights, please consult the University's data protection webpage (<https://www.southampton.ac.uk/legalservices/what-we-do/data-protection-and-foi.page>) where you can make a request using our online form. If you need further assistance, please contact the University's Data Protection Officer (data.protection@soton.ac.uk).

Thank you.