

Subject information and consent form for the research project

CoolStreet: Development of an application programming interface (API) to improve urban health through comfort navigation using the city of Munich as a case study

Chair of Cartography and Visual Analytics
Technical University of Munich

Dear Participants,

We kindly ask you to participate in this scientific study. In this information document, you will find all the essentials about the study. Please read this information carefully. If you have any questions, please do not hesitate to contact us.

Why is this study being conducted?

Sometimes while navigating, it can be useful to have a choice of routes other than just the fastest. The purpose of this research is to develop an application which shows alternative routes in a clear, understandable manner.

A health-oriented navigation application will eventually be developed. The purpose of this survey is to gather your thoughts about how you currently navigate in the city, your current behaviors related to navigation, what tools you use, and what tools you might like to use.

Who is conducting the study?

This survey was planned by the Chair of Cartography and Visual Analytics (LfK TUM) and the whole project is carried out with LfK in cooperation with ClimateFlux GmbH.

It is supported by public funds from BayVFP (Bayerisches Verbundforschungsprogramm) - Förderlinie Digitalisierung (DIK-2202-0009//DIK0423/02).

How does the study work?

For this study, you are asked to complete this online questionnaire. It will take approximately ten minutes. After you submit the questionnaire, the study will be complete. Should you like to participate in the next stage of the study, you are asked to contact Lydia Youngblood at lydia.youngblood@tum.de

Participation in the study is voluntary. If you do not wish to participate or if you later revoke your consent, you will not suffer any disadvantages as a result. You can leave the website at any time. There are no expected risks to taking part in this study. We are aiming for 40 participants.

Information on data protection

In this study, Prof. Dr.-Ing. Liqiu Meng is responsible for data processing. The legal basis for processing is personal consent (Art. 6 para. 1 lit. a, Art. 9 para. 2 lit. a DSGVO). The data will be treated confidentially at all times.

The data is collected exclusively for the purpose of this study described above and used only within this framework.

We do not collect any personal data.

All data will be collected anonymously. Thus, no one, including the study directors, can find out to whom the data belongs.

The data will be stored at the Chair of Cartography and Visual Analytics.

To complete the project, the anonymized, non-personal data will be shared with our research partner (ClimateFlux GmbH in Munich) for analysis.

Your data will be shared without personally identifying information. This means the recipient knows the data they need for the study. They do **not** know your name or other data that would directly identify you.

Consent to the processing of your data is voluntary. You can revoke your consent at any time without giving reasons and without disadvantages for you. After that, no more data will be collected. The lawfulness of the processing carried out based on the consent until the revocation is not affected by this.

You have the right to receive information about your data, also in the form of a free copy. In addition, you can request the correction, blocking, restriction of processing or deletion and, if necessary, a transfer of the data. However, the data can no longer be assigned to a person after anonymization. Once anonymization has taken place, it is therefore no longer possible to have the data viewed, blocked, or deleted.

In these cases, please contact:

Liqui Meng as department chair.

If you have any queries regarding data processing and data protection compliance, please contact the Data Protection Officer:

Data Protection Officer of the Technical University of Munich
Prof. Dr. Uwe Baumgarten
Postal address: Arcisstr. 21, 80333 Munich, Germany
Telephone: 089/289-17052
E-mail: beauftragter@datenschutz.tum.de

You also have the right to complain to any data protection supervisory authority. You can find a list of supervisory authorities in Germany at:
https://www.bfdi.bund.de/DE/Infothek/Anschriften_Links/anschriften_links-node.html

You can reach the supervisory authority responsible for you at:
Bavarian State Commissioner for Data Protection
Prof. Dr. Thomas Petri
Postal address: P.O. Box 22 12 19, 80502 Munich, Germany
Home address: Wagnmüllerstrasse 18, 80538 Munich, Germany
E-mail: poststelle@datenschutz-bayern.de

I have been informed about the study. I have received and read the written information and consent form for the above study. I have been informed about the purpose and the course of the study, the opportunities and risks of participation and my rights and obligations. I had the opportunity to ask questions. These were answered satisfactorily and completely.

My consent to participate in the study is voluntary. I have the right to withdraw my consent at any time without giving reasons and without incurring any disadvantages.

If I am under 18 years old, I confirm that I have shown this form to my parent or legal guardian, and they have acknowledged that I may participate in this research.

I hereby consent to participate in the above study (click “yes” to consent on the survey page).