

## Rhythmicity and perception of places in an urban space

### Participant Information Sheet (PIS)

You are being invited to take part in a research study concerning people's different perception of urban space. The aim of this research is to find and describe temporal trends of three types of perception in a cyclical time (during days/ nights, working days/ weekends, seasons). We will study and subsequently compare two cities – Manchester (UK) and Olomouc (Czech Republic). Before you decide whether to take part, it is important for you to understand why the research is being conducted and what it will involve. Please take time to read the following information carefully before deciding whether to take part and discuss it with others if you wish. Please ask if there is anything that is not clear or if you would like more information. Thank you for taking the time to read this.

### About the research

#### ➤ Who will conduct the research?

Dr. Jonathan Huck – Department of Geography, School of Environment, Education and Development, The University of Manchester

Mgr. Lucia Brisudová – Department of Geography, Faculty of Science, Palacký University Olomouc

#### ➤ What is the purpose of the research?

In the research we will focus on three types of perception of space. Places considered as pleasant (1. topophilic), unpleasant (2. topophobic) and abandoned or vacant places that could be treated and utilized in a better way (3. topovacant). Except for this we will observe time as an essential component of perception of urban space.

We will collect data on perception using a mobile application which enables real-time and in-situ data collection. This novel approach has the potential to provide new perspectives on the perception of place and therefore could represent an important contribution into behavioural geography.

Selection of participants is based on a few pragmatic criteria that include:

- presence of the participant in the city during research,
- the minimum age (18 years),
- ownership of a smartphone with Android operating system.

Last but not least, an interest in the topic of the research is another very important criterium. The higher the number of research participants will be, the better.

#### ➤ Will the outcomes of the research be published?

The results stemming from this research will be presented in relevant journals (from the field of geography) in the form of articles. The findings will serve also for the dissertation thesis of the PhD student from Palacký University, Olomouc (Lucia Brisudová).

➤ **Who has reviewed the research project?**

The project has been reviewed by the University Research Ethics Committee (UREC) and the committee granted official ethical approval (Ref: 2021-11319-18365).

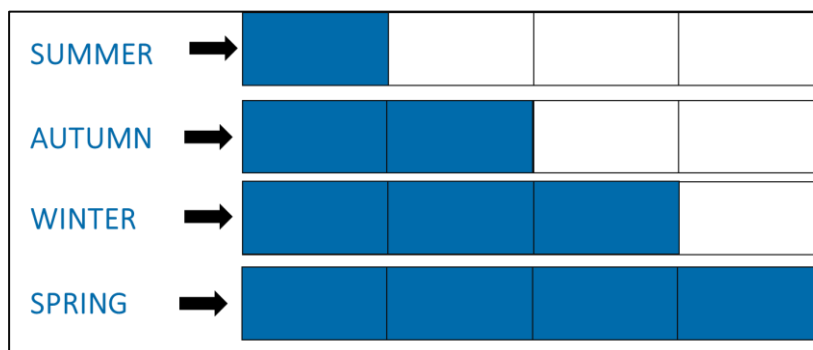
**What would my involvement be?**

➤ **What would I be asked to do if I took part?**

When you will take part in the research, you will pass through a few subsequent steps:

1. **Map-Me online survey** – you will be asked to fill out an online survey which includes the basic personal questionnaire with 10 questions. Second part of this survey contains a map and several additional questions. Both parts together will take approximately 20 minutes of time.
2. **CIN\_CITY mobile application** – after filling in the Map-Me survey you will be asked to install into the mobile phone the mobile application (CIN\_CITY). This app will serve as a main tool and is determined for data collection throughout the rest of research duration. Your role will be recording the current perception of an urban space during three research days (Wednesday, Friday, Saturday). You can insert information about perception during the whole research day. In the moment of a new record, the application will save your location and current time and ask a few more questions concerning for example the type of perception. Because of the complexity of the research, this procedure will be repeated in all four seasons (as seen in the scheme below – Fig. 1). Three identical data collection days are selected for each season. Time needed for this part of research will differ due to the amount of records that will be inserted during all research days.

All steps will be explained in information material and video tutorials that every participant receives before the start of research.



*Fig. 1 The course of the research during the year*

➤ **Will I be compensated for taking part?**

There are not any payment arrangements or compensation for the participants. Since there will not arise any other expenses for participants the financial compensation is not necessary.

➤ **What happens if I do not want to take part or if I change my mind?**

It is up to you to decide whether to take part. If you do decide to take part, you will be given this information sheet to keep and will be asked to tick a box to confirm consent. If you decide to take part,

you are still free to withdraw at any time without giving a reason and without detriment to yourself. However, it will not be possible to remove your data from the project once it has been anonymised as we will not be able to identify your specific data. This does not affect your data protection rights. If you decide not to take part, you do not need to do anything further.

## **Data Protection and Confidentiality**

### **➤ What information will you collect about me?**

In order to participate in this research project, we will need to collect information that could identify you, called “personal identifiable information”. Specifically, we will need to collect:

- Gender
- Age
- Manchester city area you live in
- Current working status
- Level of education
- Gross monthly income
- Way of moving around the city
- The length of your stay in Manchester
- Another important places where you spend time during the day (name of the street)

In the mobile application part of the research you will be asked to take a photo/ video of places. This will include photos and video of the environment, not photos or videos of you or the person you are with.

### **➤ Under what legal basis are you collecting this information?**

We are collecting and storing this personal identifiable information in accordance with UK data protection law which protect your rights. These state that we must have a legal basis (specific reason) for collecting your data. For this study, the specific reason is that it is “a public interest task” and “a process necessary for research purposes”.

### **➤ What are my rights in relation to the information you will collect about me?**

You have a number of rights under data protection law regarding your personal information. For example, you can request a copy of the information we hold about you.

If you would like to know more about your different rights or the way we use your personal information to ensure we follow the law, please consult our [Privacy Notice for Research](#).

### **➤ Will my participation in the study be confidential and my personal identifiable information be protected?**

In accordance with data protection law, The University of Manchester is the Data Controller for this project. This means that we are responsible for making sure your personal information is kept secure, confidential and used only in the way you have been told it will be used. All researchers are trained with this in mind, and your data will be looked after in the following way:

At the beginning of your participation in the research you will get specific personal identification number. This number will serve for some aspects of the research process, but it will also secure anonymisation of your person and the results of your contribution. Only the research team will have access to the key that links this ID number to your personal information. Your consent form and contact details will be retained for maximum of 10 years. This information will be safely stored in the data system of The University of Manchester and in data storage of Department of Geography, Palacký University Olomouc and are needed for further results processing in the long term.

With your consent your information will be shared and archived to support additional research. Data and information sharing between The University of Manchester and Palacký University Olomouc is necessary as the cooperation represents the core research approach of the whole research. Basic contact details (email/ phone) of participants will also be stored (for the same period as results storage). This is only for case of sharing and presenting of final results, but also in case participants would be interested in repeated collaboration on similar projects in future. The information will only be used for the above purposes and cannot be used to contact you regarding any other matter which is not related with this research.

The photos and videos voluntarily captured and uploaded in the mobile application by participants during the course of research will only be used for research purposes and better interpretation of data. With your consent, these materials could be included in articles in journals, in result presentations and into the dissertation thesis as well.

Please also note that individuals from The University of Manchester or regulatory authorities may need to look at the data collected for this study to make sure the project is being carried out as planned. This may involve looking at identifiable data. All individuals involved in auditing and monitoring the study will have a strict duty of confidentiality to you as a research participant.

## **What if I have a complaint?**

### **➤ Contact details for complaints**

If you have a complaint that you wish to direct to members of the research team, please contact:

**DR. JONATHAN HUCK – [JONATHAN.HUCK@MANCHESTER.AC.UK](mailto:JONATHAN.HUCK@MANCHESTER.AC.UK), 01612 757671**

**If you wish to make a formal complaint to someone independent of the research team or if you are not satisfied with the response you have gained from the researchers in the first instance, then please contact**

The Research Ethics Manager, Research Office, Christie Building, The University of Manchester, Oxford Road, Manchester, M13 9PL, by emailing: [research.complaints@manchester.ac.uk](mailto:research.complaints@manchester.ac.uk) or by telephoning 0161 306 8089.

If you wish to contact us about your data protection rights, please email [dataprotection@manchester.ac.uk](mailto:dataprotection@manchester.ac.uk) or write to The Information Governance Office, Christie Building, The University of Manchester, Oxford Road, M13 9PL at the University and we will guide you through the process of exercising your rights.

You also have a right to complain to the [Information Commissioner's Office about complaints relating to your personal identifiable information](#) Tel 0303 123 1113

# Additional information in relation to COVID-19

Due to the current COVID-19 pandemic, we have made some adjustments to the way in which this research study will be conducted that ensures we are adhering to the latest government advice in relation to social distancing as well as taking all reasonable precautions in terms of limiting the spread of the virus. You should carefully consider all of the information provided below before deciding if you still want to take part in this research study. If you choose not to take part, you need to inform research team. If you have any additional queries about any of the information provided, please speak with a member of the research team.

## **Are there any additional considerations that I need to know about before deciding whether I should take part?**

The course of the research does not represent any increased risk with respect to the COVID-19 pandemic for you, which should influence your final decision to take part in the research.

## **What additional steps will you take to keep me safe while I take part?**

All necessary information and other materials for you will be provided online (via email, video tutorial, etc.) which means that you will not be in personal contact with researchers or other participants. Data collection method is contactless as well (see in above mentioned information).

## **Is there any additional information that I need to know?**

No further information is required.

## **What if I have additional queries?**

In case of any further questions do not hesitate to contact us. We are very happy to answer your queries and explain everything you would like to know so you can be sure about all aspects of your participation in this research.

## **Contact Details**

If you have any queries about the study or if you are interested in taking part, then please contact the researcher(s)

- JONATHAN HUCK – [JONATHAN.HUCK@MANCHESTER.AC.UK](mailto:JONATHAN.HUCK@MANCHESTER.AC.UK), 01612 757671
- LUCIA BRISUDOVÁ – [LUCIA.BRISUDOVA@UPOL.CZ](mailto:LUCIA.BRISUDOVA@UPOL.CZ), (+420) 608 045 600