

Participant Information Sheet

1. Project title

Advocate the Benefits of the design of Passivhaus to an Age-friendly City and the Older Communities

2. Research project author(s)

Hoi Yan Chu (77370109)

3. Research project supervisor(s)

MS Tahira Hamid

4. Invitation

You are invited to take part in an ongoing research project which will be submitted as part of a Postgraduate Master of Architectural Technology at Leeds Beckett University. Prior to giving consent to this invitation, please refer to the attached Participant Information Sheet which outlines the general aims and objectives of the project. Should you have any queries with regards to the content which is being covered within this research, please let me know via email; h.chu2552@student.leedsbeckett.ac.uk

5. What is the purpose of the research?

The aim of the research is to advocate the benefits of Passivhaus to an age-friendly cities and the older communities.

The **objectives** of this research are, therefore:

1. To investigate the interdisciplinary relationship of Passivhaus, an age-friendly city and the older communities.
2. To analyse the advantages of Passivhaus that benefit the ageing population.
3. To identify the design strategies of Passivhaus that help the older communities to adapt to the changing and special needs
4. To advocate the design of Passivhaus to different types of buildings and support an age-friendly city

The following **research questions** are, therefore:

1. How can architectural and urban design support the built environment of an age-friendly city and the older communities?
2. What are the principles of Passivhaus and how the performance of Passivhaus benefit the ageing population?
3. What are the ways to maintain thermal comfort in Passivhaus that benefit the older people?
4. What are the design strategies of Passivhaus that help the older communities to adapt to their changing and special needs in the built environment, like visual and mobility impairment, arthritis, asthma and dementia?
5. Are there precedent cases that show the Passivhaus design on different types of buildings, like institutional?
6. Are there innovative initiatives to the design of Passivhaus for an age-friendly city?

6. Why have I been chosen?

You have been chosen to participate in this research as your skillset and experience will contribute towards an accurate account of the construction industry and Built Environment within the United Kingdom. This research will compile the opinions, attitudes and motives towards the Built Environment within the context of construction.

7. What's next? What do I need to do to take part?

As a participant you will be required to answer a series of voluntary questions regarding the opinions to urban ageing, benefits of the design of Passivhaus to an age-friendly cities and the older communities.

The responses will be carried out through an online questionnaire. Your participation will be much appreciated.

8. What are the possible disadvantages and risks of taking part?

There are no foreseeable risks associated with taking part in this research and it is not anticipated to cause you any disadvantage or inconvenience.

9. What if I change my mind?

If you do have any concerns with the research being conducted, you must contact the author through the following email: h.chu2552@student.leedsbeckett.ac.uk

The Local Research Ethics Co-Ordinator (LREC) for this research is Mike White at Leeds Beckett University who is contactable at the following email:

m.j.white@leedsbeckett.ac.uk.

10. Will my taking part in this project be kept confidential?

Your participation in this research will be kept confidential. Any data collected will be stored online, password protected and only accessible by the author and supervisors. Data collection of individual members will remain anonymous (i.e. your name and contact details). You may at any point request to withdraw your participation from this research. The process for this is to write an email stating your request to withdraw to h.chu2552@student.leedsbeckett.ac.uk

11. What will happen to the results of the research project?

Results of the research will be used as part of the Postgraduate Master of Architectural technology, potential research papers and journal articles.

Thank you for taking part in this research

CONSENT FORM

Name (of participant): * _____

- I agree to take part in the above research project.
- I have read and understood the participant information sheet.
- All my questions about this project have been satisfactorily answered.
- I understand that my participation in this study is voluntary and that I am free to withdraw from this research project whenever I wish.
- I agree that the research results can be published and that all personal identifying details will be excluded.

Data Protection Act

I understand that data collected about me during my participation in this study will be stored electronically and that any files containing information about me will be made anonymous.

I agree to the recording and analysis of this information. I understand that information will be used only for the purpose of this study and my consent is conditional upon the study complying with its duties and obligations under the Data Protection Act.

Signed

Date

* _____

* _____

FOR COMPLETION BY RESEARCHER

I, Hoi Yan Chu, confirm that I have informed the above named about this research project and have given them the Information Sheet enclosed. To the best of my knowledge, they have understood and have given free and informed consent to become a participant in the research project.

Signed

A handwritten signature in black ink, appearing to read 'HYC', written in a cursive style.

Date

1 Nov 2024