

12 July 2022

Invitation: Engineer input on Productivity in Building Design Research

Dear member of ACES,

I hope this email finds you well. I am a PhD researcher from SUTD and I am writing to invite you to participate in an online survey for my research project titled

“Rework and Its Impact on Engineering Productivity”.

I believe that your design experience and contribution to Singapore's built environment can benefit the research greatly and is very appreciated.

Please follow this link to the Survey which will take you less than 15 minutes:

[Take the Survey](#)

In this research, we are studying the design workflows and processes in the AEC industry with design research and construction management approaches focusing on engineering productivity. In particular, the research looks at the impact of rework and iteration in design workflows on engineer productivity. This questionnaire would give an insight on the unique building design process in Singapore's AEC industry. It could present some of the issues in engineering productivity especially in the context of rework and iterations, Through the study, the problems in engineering productivity in the AEC industry can be first identified through this questionnaire and subsequently measured and quantified with further research. Results from the research would build the Corpus of engineering productivity-related data in Singapore.

The questions cover the general information about the following:

Workflow organization and building design processes.

Project team structure.

Communication tools and technologies used.

Experience in building plans submission processes

The information received will be kept confidential and used strictly for academic publications only. Identifiable or sensitive information will never be revealed. Further information on this research study is found in the Participant Information Sheet (PIS) attached. [Participant information sheet](#)

If you wish to participate in this study or if you have any queries, please contact the Principle Investigator – Yvonne Wong at Yvonne_wong@mymail.sutd.edu.sg.

Thank you and regards,

Yvonne Wong

PhD Candidate

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