Completion Report

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Subject of Research Project：Safe City and Mobility

A city that is child-friendly prioritizes the fulfilment of children's needs and the protection of their rights in an urban environment. This project was conducted to understand the application of Crime Prevention Through Environmental Design (CPTED) principles to promote the idea of creating safe communities for children in Kuala Lumpur and Fukuoka. This study examined the perspectives of children between the ages of 7 and 12 on the physical space and surroundings in which they live. The objective was to determine the components that contribute to their perception of safety, employing the Crime Prevention Through Environmental Design (CPTED) framework. The study in Kuala Lumpur was carried out in three (3) urban community located roughly 10 km from the central area of Kuala Lumpur. The first community was at Kg Pasir, Kuala Lumpur, an urban village involving about 80 children. We also manage to involve about 100 children on the additional survey at Pantai Dalam. The second community was at USJ where children live in high density flats with lack of spaces to play involving about 40 children. The third community was at Sekolah Jalanan, located in the heart of Kuala Lumpur where unfortunate urban children live with limited resources involving about 80 children. In cumulative, about 300 children impacted from this project in Malaysia.

This project also visited two (2) communities in Fukuoka, Japan that is children that went to school in Meihoku Elementary School and Wakamatsu Elementary School. The method of collective mapping was utilized in all case studies to enhance the input from the children as participants. The goal is to improve urban safety, specifically for children. This project also engaged with Malaysia Road Safety agency (MIROS), a government agency under the Ministry of Transport Malaysia who implemented IRAP (International Road Assessment Program) and involved in the policy making in Malaysia road safety. The main goal of this project is to examine stakeholder identification using net maps, with the ultimate purpose of enhancing pedestrian route safety. Net-Map, also known as Network Mapping, is a methodical and interactive participation methodology used to aid in the visualization and study of intricate social networks. The main purpose of this tool is to aid individuals or groups in comprehending relationships, identifying influential persons, and gaining a more profound grasp of a specific context or situation. By implementing this methodology, we can extract more useful data in the current study. We have found out this method to be useful especially when engaging with government agencies and to identify root cause of the problem. This methodology has helped us identify a critical stakeholder who plays a crucial role in analyzing the feasibility of walking to school in Malaysia. This tool promotes collaboration among persons with varied interests and cultural backgrounds to collectively accomplish common goals. This project outcome was presented in a conference in Cambridge, UK and a book chapter was submitted in March 2024 entitled Children Urban Green Space and Safe Walkability. The project has also developed opportunity to work with many government agencies and has contribute to the development of guidelines for children friendly initiatives in Malaysia.

Publication of the Results of Research Project:

Verbal Presentation (Date, Venue, Name of Conference, Title of Presentation, Presenter, etc.) 2nd – 4th June 2023, 3rd Global Conference on Children and Youth, University of Cambridge, "Contextualizing MESO Space as A Safe Space for Children Towards Child Friendly Cities" presented by Yong Adilah Shamsul Harumain
(Name of Journal and its Date, Title and Author of Thesis, etc.) Harumain, Y. A. S., Azmi, N. F., & Zyed, Z. A. S. (2023). EXPLORING CHILDREN'S PERCEPTION OF SAFETY FROM BULLYING AND ITS CONNECTION TO THE BUILT ENVIRONMENT. *International Journal of Social Policy and Society (IJSPS), 19*, 126-141. Harumain, S., Adilah, Y., Matsunaga, C., Azmi, N. F., & Md Dali, M. (2023). Contextualizing Meso Space as a Safe Space for Children Towards Child Friendly Cities. *Contextualizing Meso Space as a Safe Space for Children Towards Child Friendly Cities (December 5, 2023).* Mapping Safer Walks to School Among Children: Identifying Stakeholders with Net-Maps – **waiting for ISI publication at Transport Problems Journal** Safe City and Mobility of Children in the City – submitted to Planning Malaysia Journal (SCOPUS)
Book (Publisher and Date of the Book, Title and Author of the Book, etc.) Published in newspaper. https://www.kosmo.com.my/2022/12/21/membina-bandar-mesra-kanak-kanak/ https://www.umresearchplus.com/membina-bandar-mesra-kanak-kanak/ https://www.utusan.com.my/rencana/forum/2022/11/utsunomiya-bandar-mesra-kanak-kanak/ https://www.gccy.org/proceeding/3rd-global-conference-on-children-and-youth/?view_proceeding=abstract_section_7 YOUTUBE Opinion of children about safe crossing https://youtu.be/DyqXNbR2S0A?feature=shared Safe city for children https://youtu.be/JtJOOkWzKAM?feature=shared CPTED in Malaysia and Challenges of Child Safe City https://youtu.be/9b9aY28KSHo?feature=shared