



Housing – A Critical Perspective.

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Abstract / Initial Proposal Form:

1. Paper / Proposal Title: The Impact of High-rise Housing Environment and Metropolitan Context on Psychological Status of Dwellers: A Case Study of Bangkok, Thailand

2. Format: Written paper

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5. Abstract (300 words):

Due to an increasing population size and spatial limitations of urban environments, the vertical expansion of city space - including high-rise housing - seems inevitable for metropolises all over the world. In Bangkok the number of people residing in high-rise buildings has reached more than 230,000. Despite four decades of high-rise housing development in Thailand empirical research examining the consequences of living in high-rise buildings has not been done in detail.

The quantitative research presented here was conducted between 2014 and 2016 and aimed to evaluate the psychological status of the dwellers living in high-rise buildings located in six different zones of Bangkok. The three psychological domains identified in the study comprised of: 1) safety concerns, 2) privacy satisfaction, and 3) sense of community. At the same time, other factors studied (and placed in independent variable set) were: 1) physical-environmental factors including community and surroundings, and 2) personal factors.

During the field survey, a multi-stage sampling technique was applied in order to recruit 1,206 respondents living in 18 high-rise buildings. The two interdisciplinary instruments employed were: the Personal and Environmental-Psychological Questionnaire (PEP), and the Physical-Environmental Assessment (PE). The result of the research indicated that both environmental and personal factors appeared to have influences on the respondents' safety concern, privacy satisfaction, and sense of community. There were also significant interrelationships amongst the core dependent variables. The findings are important to the modern-day crisis of high-rise housing, especially in urban context of Bangkok.

7. Author(s) Biography (200 words each):

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Siriwan Rujibhong is Assistant professor of Interior Design at the School of Architecture, Bangkok University. Currently, she is furthering her joint doctoral degree at King Mongkut's Institute of Technology Ladkrabang, Thailand, and the Institute for Housing and Urban Development Studies, Erasmus University Rotterdam, the Netherlands. Her research interests involve: housing and urban development; environmental psychology; built-environment and spatial behaviour; and multidisciplinary research approach for architectural design development.

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Prapatpong Upala is currently Director of the PhD Programme in Multidisciplinary Design Research and the lecturer in the Department of Urban and Regional Planning, Faculty of Architecture, at King Mongkut's Institute of Technology Ladkrabang, Thailand. In 2007, he earned his Ph.D. in Civil Engineering (Transportation Engineering), Faculty of Engineering, Chulalongkorn University in Bangkok. His research interests are in the area of mass transit and public transport planning, bicycle and pedestrians planning, housing demand and supply analysis stated preference techniques, RP, SP, mixed RP/SP Model.

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Jurian Edelenbos is Professor of Interactive Urban Governance at the Department of Public Administration, Erasmus University Rotterdam, the Netherlands. He is also Academic Director of the Institute for Housing and Urban Development Studies. At the

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