

## Threshold and its performance in urban settlement

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## Threshold and its performance in urban settlement

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(2) P Atmodiwirjo  (Department of Architecture, Faculty of Engineering Universitas Indonesia, Indonesia)

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### Abstract

This study aims to investigate several elements as a form of threshold in the urban settlement. Threshold has the function of connectedness and separation, which is an integral part of spatial practice in urban settlements. That is how humans have the freedom to regulate their activities and space by using the threshold as connector or separator. In particular, this paper describes the elements function as a threshold for different conditions to connect and separate human roles and activities. The extent to which activities occur in a particular space and time in urban settlements is the key to determining the shape of the threshold. This paper presents an overview of the forms and performance of threshold that exist in urban settlements based on everyday practices. It not only discusses the function of elements as a threshold but also reveals the relationship between in-out of the everyday practice in urban settlements. The presence of thresholds in urban settlements is not only limited to physical elements. In this paper, we argue that the threshold element can produce a different performance due to the interacting activities between space and time. So that the understanding that connecting and separating cannot be seen as something fixed, but depends on other aspects that occur in everyday practice. This paper provides another understanding of the performance of thresholds in urban settlements, and this can be carried out in the development of a dynamic and transformative urban spatial design.

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## Development of Residential Space for the ToKaili Community with a Phenomenological Approach in Central Sulawesi, Indonesia

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(3) Lutfi Suyuti  (Department of Architecture, Faculty of Engineering, University of Tadulako, Indonesia)

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### Abstract

The uniqueness of the evolutionary process of housing and housing provision is directed by developments in culture, technology, and knowledge. This study aims to reveal what is behind the phenomenon of providing houses from time to time. This study uses a qualitative method with a phenomenological approach. The results of this analysis found several periods of Settlement, ranging from nomadic to ideal permanent solutions and farming settlement hierarchies.

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## The influence of urban street-side greenery on people's visual preference

(1)\* J Ernawati  (Department of Architecture, Faculty of Engineering, Brawijaya University, Indonesia)

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### Abstract

This study purposed to identify urban street-side greenery's effect on people's preferences towards streets in Malang town, Indonesia. Nine samples of streets were randomly selected based on greenery conditions and street typologies. Thirty participants for each street systematically selected came to a total of 270 respondents. The research instrument was a questionnaire with photos of the nine streets as stimuli to explore people's preferences towards street-side greenery based on six street greenery variables and two street conditions using multiple rating scales. The data analyses employed a descriptive statistic to determine people's preferences and multiple regression analysis to identify street greenery attributes that influence people's visual preference of the street. The results show that all street greenery attributes significantly influence people's preferences ( $p < .05$ ). As a whole, street-side greenery attributes, i.e., plant height, green street median, vegetation arrangement, the distance between trees, tree and vegetation species, and the number of trees, determine around 17.2% of urban street visual preferences. Among those street greenery qualities, the number of trees, vegetation arrangement, and green street median existence have the most influence on people's visual preferences. However, other than street greenery attributes, the street conditions (i.e., street width and the sidewalk width) significantly contribute to people's preference. It accounts for around 49.4% of the visual preference of the street.

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