



The Indigenous Javanese Perception toward Green Home: The Application of Greenship Rating Index

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Abstract

As the history of Javanese culture tells, the people take environmental, social and economic life into account when building a home; these three aspects are the main pillars in sustainable development. Consequently, in Javanese society, home and the success of sustainable development are inseparable. Concerning this phenomenon, it is essential to learn the perception of indigenous Javanese towards the application of green home as one of the sustainable development aspects; it is measured using the Greenship Rating Index for green home issued by the Green Building Council Indonesia. This research employed a quantitative approach with a survey as its method, which was conducted using purposive random sampling. The respondents were indigenous Javanese who bought a house with the concept of a green home in Malang and Surabaya; 200 data were obtained from the survey. After conducting a descriptive analysis, it was found that among six criteria of Greenship, land use, efficiency, and energy conservation, as well as environmental management of buildings are the highest three in the respondents' perception. In conclusion, the Javanese indigenous's perception of a green home is still limited to location, energy savings, and social needs. Thus, all stakeholders are required to socialize the fulfillment criteria of a green home according to Greenship; it is essential for the success of sustainable development in Indonesia.

Biography: Maranatha Wijayaningtyas is a Senior Lecturer on the Civil Engineering Postgraduate Program at the National Institute of Technology Malang, East Java. The concern of her research topics is on construction and project management, also property management toward sustainability. Furthermore, she is interested in connecting those topics with Indonesia's culture and explores the phenomenon within.