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Empirical study of architect competencies in supporting the realization of sustainability in architecture

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Abstract

To be a reliable and professional architect so as to have competitiveness not only nationally but also regionally hence required a standard architect competence to support the realization of Sustainability in Architecture. This study attempts to examine the 13 competencies designed by the Indonesian Architects Association in a survey to find out the general picture of how their assessment of competencies. The research method was conducted by survey and Inferential descriptive approach to explain the approximate condition of the population of Indonesian architects through the sample glasses in Jakarta. The scale used is the Likert model with the scale range of 1 to 5. Instrument validity Competence Architect of Indonesia (Y) with construct validity approach using Item Response Theory (IRT) that is through Orthogonal Iteration. The results of the study found that Indonesian architects tend to be competent. This description of competence is able to show that Indonesian architects have good competitiveness locally, nationally and regionally. © 2018 Institute of Physics Publishing. All rights reserved.

Author keywords

Architect Competencies;   Socio-cultural Ecology;   Sustainability in Architecture

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