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Jakarta socio-cultural ecology: A sustainable architecture concept in urban neighbourhood

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As a metropolitan city with densely populated and fast residential development Jakarta should be able to implement a concept that is Jakarta socio-cultural ecology Architecture as the basis of settlement development. The concept of Jakarta socio-cultural ecology architecture is characterized by residential

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development capabilities that reflect and express the indigenous culture, the settlements built by linking the social and economic activities of the people of Jakarta and the settlements built by maintaining the building with the value of existing heritage. The objectives of this research are 1) to find a relevant construct to housing condition in Jakarta which then called Jakarta socio-cultural ecology, and 2) to see the tendency of complex condition of Jakarta socio-cultural ecology settlement. This research uses Neuroresearch method, which is one of mix-method research method as a mixture research method between qualitative research (exploration) and quantitative research method (explanatory and confirmatory). The population of research as well as unit analysis are all settlements in Jakarta. Sampling technique using probability sampling that is with multistage sampling. The results show that nowadays the Jakarta residential complex tends to lead to socio-cultural ecology and rather reflects and expresses the indigenous culture, the residential complex in Jakarta tends to form the building has been linked fully with the social and economic activities of Jakarta society but tends to occasionally maintain buildings with existing heritage values. This study also found that indigenous culture is a significant determinant of the formation of the condition of Jakarta socio-cultural ecology.

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