



**Architecture Materials,  
Construction and Sustainability**

# Research statement

Affordable housing has become an important issue in the country. Existing affordable housing is normally beyond the reach of the majority of lower income earners. The ceiling price as stipulated to cater those targeted group is RM70/sqft. This research work is therefore aimed at pursuing a comprehensive sustainable approach towards developing an affordable housing unit for rural area. Thus, this research will focus on the survey of lower income group, suitable site selection, building costs and related components such as economics concern, vernacular materials chosen and construction system. The house should be designed not more than 1000sqft. In floor area with three bedrooms, a lounge cum dining area, a kitchen, and a bathrooms/toilets. The research of the 'Rural Hosing' is an attempt to venture into the possibilities of finding some ways and means of reducing cost that could be reached in providing affordable dwelling units through innovative design, appropriate technology, construction and appropriate use of materials.

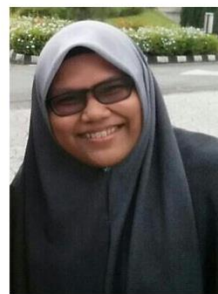
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