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Bamboo is one of the most popular vernacular houses material at rural to sub-urban and urban areas in Bangladesh. Bamboo is usually grown on village homesteads. It is grow very quickly in tropical region, for this reason bamboo is as a house material typically considered to be 'green or sustainable' includes rapidly renewable plants materials. The use of bamboo in vernacular house construction is 100% environment-friendly, can mean a lot of savings in material used and transport. The best material to build a house wills definitely the local material. The Bamboo houses are not the product of any theory design, but influence of instinct, intuition, common sense and communal memory. This research takes the steps towards such an understanding by analyzing some field study on several numbers of bamboo houses, as case studies of the significant features of vernacular bamboo houses, which make it more durable. Cheap and natural light weight material, aesthetically appealing design, attic space for thermal comfort, proper cross ventilation and renewable construction system of the Bangladesh vernacular bamboo house makes it more sustainable in warm humid tropical climate in Bangladesh. The bamboo house form has been defined by climate, site, and purpose, available materials, building technology, historical experience and world view. By applying the unlimited technology nowadays on the gift of the Allah-

Bamboo, this natural bamboo as a raw material have a very high potential to become the best construction material in future for sustainable development in the Bangladesh.

Keywords: (
Bangladesh, Vernacular architecture, Design,
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