

A Review on the Necessities of Green Building in Bangladesh and Its Construction Process

Authors : Syeda Afsana Azad

Abstract : Climate change, due to the release of greenhouse gases into the atmosphere has been recognized as one of the biggest threats to the present world. The condition of the earth is getting worse day by day due to climate change. Bangladesh is considered to be one of the most vulnerable countries to climate change due to large population, sharp urbanization, etc. Construction of green building is a very good solution to reduce the greenhouse effect. Green building technology refers to that kind of structures which are environmentally friendly and resource-efficient throughout a building's service life. This technology can provide at least 50% energy saving opportunity to the nation. The necessity of the construction of structures in an environment-friendly way is increasing now. This study shows the scenario of rapid population growth, urbanization, necessity of green building in Bangladesh and also discusses the construction process of green building. As the present climate condition of Bangladesh is not friendly, construction of green building is very much needed. To battle climate change, it is mandatory to construct green building.

Keywords : Bangladesh, climate change, green building, green house effect

Conference Title : ICCESD 2018 : International Conference on Civil Engineering and Sustainable Designs

Conference Location : Paris, France

Conference Dates : June 25-26, 2018