



Green Building and Sustainable Urban Development

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Message from the Guest Editor

The construction industry has a great impact on the environment, economy, health, and productivity. Due to the recent developments in the construction industry, the necessary technology and knowledge are now provided for designers, builders, operators, and owners to have the best economic and environmental productivity by building green buildings. The origin of green building is the process of constructing environmentally friendly buildings and conserving energy.

Many recycling resources can be found in our living environment that, if not recycled, can cause significant environmental problems for our living environment, such as tires, iron powder, plastics, and so on. The important point is that these wastes can be reused in the construction industry. Using waste material in concrete manufacturing is an effective way to accomplish two goals: waste reduction and the addition of good and positive characteristics to concrete. Because the green concrete industry is growing, it is more important than ever to assess concrete-containing waste from all angles in order to determine its suitability.





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