

عنوان مقاله:

Aggregates in concrete and CO₂ production

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خلاصه مقاله:

The buildings construction sectors combined are responsible for over one-third of global final energy consumption and nearly ۴۰% of total direct and indirect CO₂ emissions and this is an incremental process. There are many factors in this increase, including the continuous use of fossil fuels and lack of proper policy on fossil fuel efficiency and lack of attention to sustainable construction. According to this results, Sustainability is important due to global warming and ecological changes. In this respect, due to the high energy consumption in construction, energy control in this sector is essential. This article focuses on the impact of concrete, which is widely used in construction because concrete consumes a lot of energy and natural resources and has a huge place in the production of greenhouse gases, especially carbon dioxide. So, in this article, recycled aggregates, which is one of the main components of concrete, are examined.

کلمات کلیدی:

Sustainable Concrete, Sustainable development, Recycled Aggregates, Carbon dioxide

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