

عنوان مقاله:

SUSTAINABLE ENERGIES IN DESERT CLIMATE BUILDINGS

محل انتشار:

ششمین کنفرانس بین‌المللی مسائل فنی و فیزیکی در مهندسی قدرت (سال: 1389)

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خلاصه مقاله:

Lack of fossil energy resources on the earth is a vast problem which human is facing with it. Maybe human beings have continued and wide-expanded for the future if they can correctly use the natural resources. This fact is in the treat by population explosion and much more other items. In this circumstance, the rule of architects and designers are more important than ever. They should use sustainable energy in buildings and avoid consume unsustainable energy. One of the climates on the earth is desert climate. Who that lives in this area not only doesn't know how much great sustainable energy has around themselves but also wastes a lot of fossil energy. In this paper first aspect is exploring the desert climate and second one is explaining sustainable energies that exist in these regions. This paper especial main issue: Firstly, the way of using sustainable desert energy in buildings and how to use solar energy and .the way of decreasing infiltration inflow weather from outdoor and absorption of the heat of solar energy

کلمات کلیدی:

Sustainable Architecture, Desert Climate, Natural Resources, Wind Catcher, Solar Energy

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