

## عنوان مقاله:

Design of residential complexes with energy protection in compliance with the principles of green architecture

## محل انتشار:

هشتمین کنگره سالانه بین المللی عمران، معماری و توسعه شهری (سال: 1401)

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## خلاصه مقاله:

Today, architecture and construction is one of the areas in which sustainable development seeks its superiority in environmental, social and economic functions. The use of energy is one of the requirements of human life in the twenty-first century. The production and consumption of fossil energy is a serious threat to sustainable development and the environment. The environmental crises of the twentieth century were a turning point in changing attitudes in the field of architectural design. The advent of green architecture created new openings in architecture by using principles such as energy conservation, working with climate, respecting users. In green design, what designers agree on is that a valuable architecture has meaning, spirit and beauty. In large works, the idea behind bricks and mortar begins to transcend mere form and materiality. The main research question is whether it is possible to design residential complexes in accordance with the principles of green architecture and make optimal use of energy? The present research method is descriptive-analytical, library and documentary. The purpose of this research is on issues .that can optimize energy consumption in residential complexes and save on its use

## کلمات کلیدی:

Green architecture, energy, residential complex, environmentally friendly design

## لینک ثابت مقاله در پایگاه سیویلیکا:

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