

## عنوان مقاله:

A survey on prefabricated and modular building

## محل انتشار:

دهمین کنگره بین المللی مهندسی عمران (سال: 1394)

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## نویسنده:

Maryam Rahmatiyani - Civil engineer in National Iranian South Oil Company

## خلاصه مقاله:

Modern methods of construction aim to industrialize the construction process by moving most of the manufacturing of the building to factories. Unitization and standardization of layout and design increases the opportunity for offsite prefabrication of buildings and building components. In this study a literature review has been conducted on different prefabricated buildings, their requirements and improvements with technology. Since World War II, prefabrication has been extensively explored as a method of constructing houses in some countries. With growing public acceptance, in spite of the challenges, modular construction is a less costly, faster, and simpler means of construction with wide applications across many building needs. Prefabrication relies upon social and cultural context: labor, factory ability, knowledge base, and especially market to determine what is developed

## کلمات کلیدی:

Prefabrication, modern methods of construction, Offsite construction

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/364524>

