

## عنوان مقاله:

Examining Possibility of Building Temporary Shelters after Disasters Using BAMBOO Technology in IRAN

## محل انتشار:

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## نویسندگان:

Sharif Motawef - PhD, Urban Planning

Sara Saljoughi - Course of Reconstruction after Disaster-Architecture

## خلاصه مقاله:

Providing temporary shelters for survivors has been a problematic issue after earthquake events in the world, including Iran. Some time, using tents is not compatible with climate conditions. Some time using pre-fabricated containers to be used as temporary houses is indicated a very expensive way. Some global new experiences show that using Bamboo technology has been dramatically expanded and became popular in many countries such as China, India, Pakistan, Indonesia, Brazil and some other countries. Some Bamboo special characteristics such as its flexibility can enable it to be used as main building materials for providing shelters in short times after disasters. This paper attempts to examine possibilities of using Bamboo technology in Iran at recovery and reconstruction programs. Using wooden building materials in Guilan province after the Manjil earthquake of 1990, on the base of the local building technology of Zegali was indicated as a successful experience by researchers then. A comparison study has been conducted in this regard comparing between Zegali local technology and the technology of Bamboo. The results of the study which is presented in this paper indicate that local knowledge on building shelters using wooden materials .could help technology transformation of Bamboo technology to Iran in a short time

## کلمات کلیدی:

Building Technology, Bamboo, Earthquake, Reconstruction, Iran

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