

عنوان مقاله:

Identifying Types of Vulnerable Structures in Urban and Rural Areas against the Occurrence of Earthquakes

محل انتشار:

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نویسنده:

Hassan Vali Nasab - Master&amp;#039;s student in project and construction management, Alborz non-profit organization Architecture and urban planning expert, Iran

خلاصه مقاله:

As you are aware, Iran is one of the 10 most vulnerable countries in the world, which suffers heavy material and human losses every year. Most of the past earthquakes in Iran have a rural nature, and the damaged and destroyed structures are generally the instruments of the floors are made of clay, stone, brick, and in terms of residence, they were single-family. After the occurrence of these earthquakes, rescue operations are carried out by self-help and with basic equipment such as shovels and pickaxes, and there is rarely a need for complex search operations with the help of advanced mechanical equipment. Unfortunately, currently, in the event of an earthquake in Each of the big earthquake-prone cities of Iran, for example, Tehran, Tabriz, Mashhad, due to the seismic vulnerability of their building structures, the dimensions of very extensive structural damage, and the number of people trapped in the debris created, will be very large, so the importance of identifying the typology It pays more attention to vulnerable structures in urban and rural areas. By identifying vulnerable structures and destroying and rebuilding them, it is possible to .reduce the burden of human disasters to a great extent

کلمات کلیدی:

structure, Vulnerable, City, Village, earthquake

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