

# NEW DESIGN IN INTERIOR ARCHITECTURE RESIDENTIAL AND COMMERCIAL BUILDINGS TO CRISIS MANAGEMENT AND INCREASE SEISMIC RESISTANCE, ACCOMMODATION DURING EARTHQUAKE

HAMED BARIMANI<sup>1</sup>, FATEMEH YAZDI<sup>2</sup> & MASUMEH BEIGI<sup>3</sup>

<sup>1</sup>Instructor of Civil Engineering department, Payame Noor University, Tehran, Iran

<sup>2,3</sup>Islamic Azad University of Ayatollah Amoli, Amol, Iran

## ABSTRACT

*In recent years, extensive suggestions have been made regarding retrofitting and designing structures, using various structural behavior control techniques is one of the most important achievements of researchers over many years, which has led to a reduction in seismic response and improvement of structural performance. But the proposed solutions only contribute to increasing seismic capacity and do not directly play a role in increasing the safety of the residents of the building. The used methods generally discussed about the effects of earthquakes before their occurrence, and the used criteria to effectively reduce the seismic response of the structure and generally ignored the destructive effects after breakdowns. In the current study, studying post-earthquake consequences that are controlled by psychological security indicators and the effectiveness of reducing human losses are addressed through the definition of a term called Safe Site (SS). This new term refers to a space that is structurally more resistant to other building spaces and provides easier access for residents during an earthquake to find shelter. Placement of vital components, controlling gas and electricity switching operators that can put many people at risk during the earthquake in a safe site is another advantage and excellence in the installation of this site.*

**KEYWORDS:** Critical Management, Risk, Earthquake, Interior Architecture, Seismic Performance & Dynamic Analysis

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