

عنوان مقاله:

Preliminary Seismic Microzonation of Bam

محل انتشار:

فصلنامه زلزله شناسی و مهندسی زلزله, دوره 5, شماره 4 (سال: 1383)

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خلاصه مقاله:

After the devastating earthquake of ۲۶ December ۲۰۰۳ in Bam, a discipline was followed to prepare a preliminary site effect microzonation map for the city. Seismic hazard studies for two return periods, geological studies accompanied by geophysical surveys and aftershock and microtremor measurements were carried out to provide site classification and PGA distribution maps. The results of this study show that reasonable agreements exist between the ۲۴۷۵ years PGA distribution map and the damage distribution map for the recent earthquake. The ۴۷۵ years PGA microzonation .maps could also be used as a preliminary useful hint in reconstruction and urban planning of the totally destroyed city

کلمات کلیدی:

Bam, Seismic Microzonation, Site Effect, Microtremor, Shear wave velocity, Peak Ground Acceleration, Urban Planning

