

## عنوان مقاله:

Site Specific Design Response Spectra for Bandar-e-Anzali Area

## محل انتشار:

هفتمین کنگره ملی مهندسی عمران (سال: 1392)

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## خلاصه مقاله:

Bandar-e-Anzali city, an area of 275 square kilometers and a population exceeding 150,000, is located in Guilan province in the north part of Iran. Since this area is located among many active faults, therefore it is one of the active regions of the Iran zone, seismologically. The main aim of this paper is estimation of specific design response spectra for different levels of seismicity active within the city's surrounding area. In this paper, after the removal of aftershocks and foreshocks by time and place windows method, first the Poisson behavior of the remaining earthquakes is studied, and then the seismicity parameters of this region is obtained for seismic hazard analysis. Finally, the site specific design response spectra related to horizontal and vertical coefficients of ground acceleration for this city and its suburbs have been obtained.

## کلمات کلیدی:

Hazard response spectrum, Seismicity parameters, specific design response spectra, Bandar-e-Anzali area

## لینک ثابت مقاله در پایگاه سیویلیکا:

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