عنوان مقاله:

THE SEISMIC RESPONSE OF STIFF GRANULAR SOIL DEPOSITS

محل انتشار:

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خلاصه مقاله:

employing an appropriate numerical model is the most practical method to evaluate site effects on propagated ground motion , this paper employs one -dimensional numerical site response analysis models to investigate seismic response of stiff granular soil deposits on vertical propagation of horizontal shear waves. soil response is modelled by traditional equivalent -linear EL frequency -domain analysis using DEEPSOIL software and nonlinear NLtime domain analysis using OPENSEES software.

کلمات کلیدی:

local site effect,local ground response, equivalent linear analysis , nonlinear analysis , deep soils

لینک ثابت مقاله در پایگاه سیویلیکا:

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