

Interactive comment on “Study on the applicability of microtremor HVSR method to support seismic microzonation in the town of Idrija (W Slovenia)” by Andrej Gosar

Anonymous Referee #2

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The paper presents a method which has already been extensively studied and presented by many authors in the past decades. There is no new scientific information in this paper. However, the results are clearly presented and well documented.

The English should be revised by a English speaking person, as there are many errors remaining throughout the text.

In the References section, each reference should start by a tabulation, as it is, otherwise, not possible to separate them when looking for a particular reference.

A main point should be kept in mind throughout the paper : in order to be useful for engineers who make the design or control of buildings against earthquake, a micro-

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zonation study should provide response spectra associated to each micro-zone. Alone, resonance frequency and amplitude maps are of no use for the earthquake engineering community, and thus of no use for seismic risk reduction. The resonance frequency is useful to calibrate the V_s profile of a site, very uncertain even when V_s measurements are conducted. Resonance frequency measurements only are the very first step of a complete microzonation study that should lead to the definition of site specific response spectra for engineers.

[Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., doi:10.5194/nhess-2016-405, 2017.](#)

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