

***Interactive comment on “Seismicity in northeast edge of the Mexican Volcanic Belt (MVB), activation of an undocumented fault: the Peñamiller earthquake sequence of 2011, Queretaro, Mexico” by A. Clemente-Chavez et al.***

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This paper discusses the recording and analysis of an earthquake sequence within the Mexican Volcanic Belt province and attempts to place this within the context of the hazard there due to local, shallow earthquakes relative to larger and more distant subduction zone earthquakes. The discussion of the earthquake sequence is good, and the information seems useful. The overall context however suffers from being anecdotal, and either the statements of relative hazard need to be made less general

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and more qualified, or the historical earthquakes in the two zones need to be analyzed and discussed in a more complete and comprehensive manner. Including a catalog of the major subduction and MVB earthquakes in the form of a table would be helpful. The English in the article also requires very extensive, though in most places minor, correction. My suggested corrections for English are given in the attached.

Please also note the supplement to this comment:

<http://www.nat-hazards-earth-syst-sci-discuss.net/1/C51/2013/nhessd-1-C51-2013-supplement.pdf>

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