

Interactive comment on “Revision of the geological context of the Port-au-Prince, Haiti, metropolitan area: implications for seismic microzonation” by M. Terrier et al.

M. Terrier

m.terrier@brgm.fr

Received and published: 16 May 2014

We thank the reviewer 2 for its general comment and its recommendations for the publication.

Concerning the text, to improve the English, we changed some sentences, in particular the abstract has been rewrote.

Paragraph 2: The geodynamic background, Details on the 2010 earthquake were already given at the end of §2, but we've added more information at the beginning of the §5 about the damages and possible site effects in the beginning of §5. Paragraph

C666

4.1: Method, we have add complementary descriptions on the main steps of the process of assessment and on the ground movement inventory the reference of Mora-Castro and al. is deleted because it concerns map at the regional scale. And so, in fact we think that is not the subject of this article. we think that is not the place to make " a complete overview of the state of the art about the landslide hazard estimation" and that the details in the text and in the table and figures are enough to show the general principle of the mapping process. We think that it's necessary to keep an equilibrium between the description of the geological analysis and the ground movements study. Paragraph 5 Implications for preventive seismic recommendations Complementary information are given about the comparison between the map of damages in 2010 and the geological map. But the assessment of the site effects is the next step of the microzonation as indicated in the text.

In the joined file, you could find the new version of the text. We reiterate our thanks for those advices, Cordially, Monique Terrier

Please also note the supplement to this comment:

<http://www.nat-hazards-earth-syst-sci-discuss.net/2/C666/2014/nhessd-2-C666-2014-supplement.pdf>

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 2, 1613, 2014.