

Interactive comment on “On the use of Web-based-GIS for managing and disseminating hazard and risk spatial information in volcanic areas” by G. Le Cozannet et al.

Anonymous Referee #2

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In this manuscript authors present a Web-GIS tool to manage geographical data for multi-hazard and risk assessment in volcanic area. This framework is developed after the interaction between stakeholders and users with software designers. Overall the topic of the paper is interesting, but there seems to be little new in the paper or anything surprising in the results. In particular the actual advantages of the tool are not highlighted even in the Mount Cameroon application.

For this reason I suggest at least to rewrite section 3.4 focusing also on what could be the effect of the use of the Web-GIS with respect to the printed version of the hazard maps by Thierry on Mt Cameroon especially for prevention and preparedness. Author

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should also focus on the future use of the WebGIS Mount Cameroon and in other volcanoes.

Moreover I recommend reducing the number of subsections since they make the paper quite hard to follow. For example section 2.5 could be inserted in the introduction of section 2 (“System design”) and section 3.1 and 3.2 could be joined in one.

Finally there are many English problems throughout the paper. Having someone for proof-reading purposes would be a significant help making the paper more professional.

Minor changes:

- It should be stated whether “Users” are a subset of the “Stakeholders” or not
- 5757 line 12: change “...could constituted...” to “...could be constituted...”
- 5759 line 28: change “...to fit those requirements...” to “...to fit users’ requirements...”
- 5759 line 24: change “...distribution; we enclosed this system into a wrapper...” to “...distribution that we enclosed into a wrapper...”
- 5760 line 26: change “...pending on...” to “...depending on...”

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