



Interactive comment on “Pyroclastic flow mitigation strategies: a new perspective for the red area” by Mauro Iacuniello et al.

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Line 25 – It would be better to avoid or limit the incisions in the writing to make the writing clearer, when it is possible. Fixed

Line 26 – Three thousand people... are you sure... are they maybe 3 million people? Fixed

Line 28 – Floods and mudflows? Are you referring to “lahars”? If yes, it would be better to write (floods and mudflows, namely “lahars”) Fixed

Line 31 – The main objective. Maybe “one of the main objectives?” Yes indeed. Fixed

Line 45-48 – These sentences should be improved by removing a few semicolons. Fixed

C1

Line 49-50 – this sentence is too long. It can be improved by a dot after the word “large” (see in the text) Fixed

Line 69 – After the word “inside” I would avoid “and”. See in text Fixed

Line 84 – Fig xx??? Fixed

Line 166-167 – Are (TG) and (Tg) the same glass transition temperature? Yes they are the same, and I fixed the typo

Line 181 – After a semicolon avoid the word “and”. You do not need. Fixed

Line 254 – (fig. xxx) ??? Fixed

Line 259 – There is a sentence in Italian “è stato necessario valutare lo stress termico (xxx). Translate please. Fixed

Line 261 – Add “s” in the word function (two functions). Fixed

Line 261 – There is the possibility to use other functions? If yes please explain why are you using the 3.3 and 3.4. Yes, I am studying others, but in this paper I have just showed the results of these first functions.

Line 410 – I think it is fair to add that another unfavourable condition is the interval between eruptions, which can be hundreds of years. Mitigation measures in a context such as that of the Phlegraean Fields and Vesuvius unfortunately have a very difficult financial sustainability in these times of recurrence, especially considering that no government has so far decided whether the people who would be removed could return to their homes or could be resettled elsewhere. That is true, indeed I have specified it in the new conclusion. Besides I am studying new mitigation strategy which can also represent an energy-saving strategy.