

Reply to the comments

Cristiano Collettini (Editor)

cristiano.collettini@uniroma1.it Received and published: 21 June 2019

Dear Authors,

I have read your response to the reviewers and the revised version of the manuscript. I noted that the text has been improved, in particular the method section has been expanded, and figures are now clearer and better supported by the text. It is OK for me that you leave in the conclusions the part dealing with the applicability of the new tool, since it leaves some space to general and concluding remarks. In the final part of the conclusions when you discuss about earthquake occurrence on complex fault geometries I suggest you mentioning some more case studies like for example the Mw 7.8 KaikÅ¸ura earthquake rupture in New Zealand (Ulrich et al., Nature Communication 2019).

Sincerely Cristiano Collettini

Dear editor,

Many thanks for your suggestion. We have added new references for earthquake occurrence on complex fault systems, including Ulrich et al. (2019) and Hamling et al. (2017) for the Kairikoura earthquake and Beavan et al., 2012 for the Darfield earthquake. The text referring to these papers in the conclusion has been modified in lines 397-398 and the new references can be found in lines 432-434, 462-466 and 550-551.

Best regards,
Roger Soliva