

Nat. Hazards Earth Syst. Sci. Discuss., referee comment RC1  
<https://doi.org/10.5194/nhess-2021-351-RC1>, 2022  
© Author(s) 2022. This work is distributed under  
the Creative Commons Attribution 4.0 License.

## **Comment on nhess-2021-351**

R. E. S. Moss (Referee)

---

Referee comment on "Probabilistic fault displacement hazard analysis for the north Tabriz fault" by Mohamadreza Hosseini and Habib Rahimi, Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2021-351-RC1>, 2022

---

I found this manuscript to be well written and the study well executed. I only have two comments.

1. All figures need to be revised so that they are legible from a publication perspective. The inset text, colored zones, legends, and font size all need to be improved to make the figures more readable.
2. I would be interested to hear the authors opinion on an appropriate hazard level (e.g., 975 yr return) that should be used for surface fault displacement. This is an area of ambiguity where there is currently no consensus. Since this study looks at many hazard levels, which would correspond to the type of construction of infrastructure in and around Tabriz?