

Recommendation: Technical Corrections

The manuscript entitled “*An internally consistent framework for calculating cascading probabilistic earthquake risk and its application to a case study in New Zealand*” presents a valuable contribution about how to create an internally consistent framework for calculating earthquake risk.

The authors have carefully addressed the reviewers' comments and provided detailed and satisfactory responses to the concerns raised during the previous review process. The manuscript has been substantially improved, and the revisions have enhanced its overall quality. In its current form, the manuscript is well written, the figures are of publishable quality, and the level of originality is appropriate for the journal. I believe that the manuscript has reached a publishable standard and can be accepted for publication in NHESS.

I have only one minor suggestion. In Figure 1, it would be beneficial to include arrows indicating the relative motions of the tectonic plates. In addition, showing the direction of subduction would improve the seismotectonic map and make it easier for readers who are not familiar with the regional tectonic setting to understand the geological framework.