

Nat. Hazards Earth Syst. Sci. Discuss., referee comment RC2  
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## Comment on nhess-2022-265

Ioannis Koukouvelas (Referee)

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Referee comment on "A web-based GIS (web-GIS) database of the scientific articles on earthquake-triggered landslides" by Luca Schilirò et al., Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2022-265-RC2>, 2022

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Dear Authors,

The present paper includes 804 published works organized into well-selected sections and sub-sections. I read it with interest and consider this database will be a useful tool for researchers on the issue of earthquake-triggered landslides (EQTL).

Overall, I have the following suggestion regarding the Greek earthquakes. A more detailed incorporation of Greek earthquake literature will be particularly interesting for the following reason. Greek earthquakes are commonly related to landslides and rock falls. Also, earthquake activity in Greece is of short recurrence interval, and the data inserted in this database will help researchers in the future. Of course, the data basis of Greek EQTL compared to the 804 papers you collected is small, but consider that the issue of EQTL in Greece is underestimated. Looking in my files, I found some published works that are not included in your datasets, or I didn't find them using the "author" toolbar. These papers are:

- Papadopoulos G.A., Plessa A., 2000. Magnitude–distance relations for earthquake-induced landslides in Greece. *Engineering Geology*, 58, 377-386.

-Koukouvelas I.K., Mpresiakas A., Sokos E., Doutsos T. 1996. The tectonic setting and earthquake hazards of the 1993 Pyrgos earthquake, Peloponnese, Greece. *Journal of the Geological Society London*, 153, 39-49.

- Koukouvelas, I.K., Litoseliti, A., Nikolakopoulos K., Zygouri, V.2015. Earthquake triggered rock falls and their role in the development of a rock slope: The case of Skolis Mountain, Greece. *Engineering Geology* 191, 71–85.

- Zygouri, V., Koukouvelas, I.K., 2018. Landslides and natural dams in the Krathis River, north Peloponnese, Greece. *Bulletin of Engineering Geology and the Environment* <https://doi.org/10.1007/s10064-017-1225-y>

- Litoseliti, A., Koukouvelas, I.K., Nikolakopoulos, K.G., Zygouri, V., 2020. An event-based inventory approach in landslide hazard assessment: the case of the Skolis Mountain, Northwest Peloponnese, Greece. *ISPRS Int. J. Geo-Inf.* 2020, 9(7), 457; <https://doi.org/10.3390/ijgi9070457>

- Koukouvelas, I.K., Nikolakopoulos, K., Zygouri, V., Kyriou, A., 2020. Post-seismic monitoring of cliff mass wasting using an unmanned aerial vehicle and field data at Egremni, Lefkada Island, Greece. *Geomorphology*, 367, 107306 [doi.org/10.1016/j.geomorph.2020.107306](https://doi.org/10.1016/j.geomorph.2020.107306)

Considering your paper as it stands, it is complete, and I hope that it will followed by the next version adding more references. Finally, the work done is quite important and helps understand the role of EQTL in the hazard assessment of modern society.