

Interactive comment on “Seismic and mechanical studies of the artificially triggered rockfall at the Mount Néron (French Alps, December 2011)” by P. Bottelin et al.

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The paper 'Seismic and mechanical studies of the artificially triggered rockfall at the Mount Néron (French Alps, December 2011)' by Bottelin et al. presents a very detailed study of a rockfall triggered by a blast in the French Alps. It can be considered as an example of application of multiple modern monitoring and investigation techniques. Especially, sophisticated seismic analyses have been applied to understand the rockfall mechanisms and the propagation of waves induced by rock impacts. Of particular interest is the use of energy units to characterize different stages of the rockfall event. A general application could be the analysis of rockfall or rock slide events that have

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not been observed but were recorded by nearby seismic stations. Therefore, the paper is certainly scientifically interesting; however, I also agree with the reviewer that some descriptions are lengthy due to the amount of details provided. A 10-20% shortening would make the paper more accessible to a wider readership. Hans-B. Havenith

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