

Interactive comment on “Maintenance and risk management of rockfall protection net fences through numerical study of deteriorations” by Andrea Luciani et al.

Anonymous Referee #1

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The very short contribution deals with the possible quantification of residual capacity of a rockfall protection system. I personally think that the type of material presented is not suitable for the journal and mainly because it is a numerical simulation of the performance of a restraining net. I do not see any good or relevant connection with this journal. The general presentation in terms of subject should be much more general, more "Earth System oriented", and the English language should be improved. But this last point is not substantial. For the remaining, the manuscript is presenting a numerical exercise, even if with a refined numerical code, showing the change in efficiency at changing some of the system strengths for a standard block impact. I am really sorry but this really disconcert me, also because apart for the exercise there is really no

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way to see a direct and simple application of the method for standard use by technical personnel. The same kind of analysis should probably be done directly by the producer to certify the capability of its restraining system. Because of this I suggest to reject the manuscript as it is.

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