Natural Hazards and Earth System Sciences Discussions

Nat. Hazards Earth Syst. Sci. Discuss., referee comment RC1
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Comment on nhess-2021-155

Anonymous Referee #1

Referee comment on "Brief communication: Monitoring a soft-rock coastal cliff using webcams and strain sensors" by Diego Guenzi et al., Nat. Hazards Earth Syst. Sci. Discuss., https://doi.org/10.5194/nhess-2021-155-RC1, 2021

The subject of this discussion is interesting but the scientific background is very poor.

There is no bibliography about general research of processes leading to rockfall or about the precursory signs of rockfalls. The sentence l22 "The evolution of these cliffs and their collapse is well known among the scientific community" has to be proved.

Authors' work is also done by other researchers, these studies have to be quoted.

l 32 : retreat rates should be given l 37 : what is the evolution?

l 38 : what are the fallen volumes?

l 54 : what is the precise frequency?

l 66 : "neighbouring" : could you be more precise because weather data could be specific to a place.

l 76: ICC techniques should be developed.

l 76 : "+- 30%" : how do you calculate the error margin?

l 94 : the discussion should have perspectives of the results. There is currently very poor.