

Interactive comment on “Radar coherence and NDVI ratios as landslide early warning indicators” by Mylène Jacquemart and Kristy Tiampo

Anonymous Referee #1

Received and published: 10 August 2020

Dear authors,

The manuscript you have submitted for publication provides a good insight on the information that is provided by SAR coherence and NDVI for the detection of areas affected by a landslide. In general, your work is well structured but is missing significant information in some sections of your article.

The methodology section does not fully present the proposed methodology, and also the conclusions section does not summarise your findings and no future work/steps are provided to fill the gaps of your current work. Calibration/validation of your results and/or methodology is also not provided in the article. This is critical to confirm your findings.

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Moreover, references need to be added in many parts of your work. Some examples are provided in the attached pdf. Additionally, the tense that your article is written should be passive, i.e. "it was tested" rather than "we tested". Some minor spelling mistakes are also noted in your article. Your figures needs some changes and also make sure that they are cross-referenced in the text (e.g. Figure 1)

Please see in the attachment a comprehensive list of changes comments within the text of your manuscript.

Please also note the supplement to this comment:

<https://nhess.copernicus.org/preprints/nhess-2020-227/nhess-2020-227-RC1-supplement.pdf>

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2020-227>, 2020.

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