Title: Local perception and adaptation strategies to landslide occurrence in the Kivu catchment of Rwanda

Author. Nema et al.

Overall evaluation

Considering the major gaps in the manuscript, the manuscript needs major revisions to be moved to the next step.

Specific comments:

Abstract: to be revised as it starts with objective of the study without indicating the issue, the problematic or why the study is to be conducted

Introduction

Literature review presented in this chapter is general and did not consider the published papers on landslides in the study area and in the region of study. The author is suggested to improve the quality of this section through reading the following papers published in the study area:

- Arthur Depicker et al. 2021: Historical dynamics of landslide risk from population and forest-cover changes in the Kivu Rift: https://doi.org/10.1038/s41893-021-00757-9
- Uwihirwe et al. 2022. Integration of observed and model-derived groundwater levels in landslide threshold models in Rwanda. https://doi.org/10.5194/nhess-22-1723-2022
- Maki Mateso et al. 2023. Characteristics and causes of natural and human-induced landslides in a tropical mountainous region: the rift flank west of Lake Kivu (Democratic Republic of the Congo). https://doi.org/10.5194/nhess-23-643-2023
- Uwihirwe 2022. Potential of satellite-derived hydro-meteorological information for landslide initiation thresholds in Rwanda. https://doi.org/10.5194/nhess-22-3641-2022

The introduction ends without indicating the main objective and specific objectives of the manuscript.

Methodology

The study area is not well described (comments in the PDF document). Possible mistakes of the Geographic coordinates of the study area. The map presented in Figure 1 to be revised

The title of the manuscript is clear that the study was conducted in lake Kivu catchment on Rwanda side. However, data collection, sampling sites selection are based on administrative boundaries which are different from catchment boundaries. Therefore, it is suggested:

- To revise the methodology, aggregate data at catchment level. Therefore, this will impact the presentation and discussion of results.

Results presentation and discussion.

Results are presented but not deeply discussed.

Conclusion/recommendation