

1) One aspect that could be better reflected in the manuscript is the use of LiDAR data for mapping landslides in the study region. We would appreciate a few clarifying sentences or a short section addressing this aspect.

Row 197 – 203: A high-resolution Digital Elevation Model with a ground resolution of 2 m×2 m was obtained through weighted linear interpolation of elevation points acquired by Airborne Lidar Swath Mapping. Acquisition of the elevation data was performed on 3 May 2004, following a rainfall period that resulted in numerous landslides. A reconnaissance field survey conducted immediately after the same rainfall period allowed mapping 70 landslides. Topographic derivative maps obtained from the digital elevation model were used to update the reconnaissance landslide inventory map in 22 selected sub-areas (Ardizzone et al., 2007). The results correspond to the F₂ layer in Table 1.

2) From the editorial board, we would also kindly ask you to consider the following minor revisions:

- Please provide the data on Zenodo in GeoPackage format instead of Shapefiles. GeoPackage is an open, non-proprietary format and has the advantage of storing multiple polygon layers within a single file, thereby reducing the number of individual files .

Thank you very much for the highlight.

In ZENODO: <https://doi.org/10.5281/zenodo.18980281>, we uploaded a zip file “Ardizzone_et_al_MULTITEMPORAL_INVENTORY_v2.zip”. The explanation of the content reads:

“The dataset is a zip file that contains: i) a file pdf (readme.pdf); ii) a polygon shape file of the study area (study_area_bnd) and iii) 29 polygon shape files corresponding to the layers of the multitemporal inventory (from A0.shp to G13.shp); iv) geopackage of the layers”.

- Please include labels for the study periods directly within the panels of Figure 5.

It was done. Moreover in the caption at **row 373** F₁G₁₄ was changed in F₁G₁₃ .

- The y-axis in Figure 8 could be shortened for improved readability.

The font size was increased, and the numerical values were converted to scientific notation. We hope these changes have improved the readability of the figure.

- In Figure 9, please replace scientific notation with exponential notation (e.g., 2×10^6).

It was done

- In Figure 10, please use a colour other than red (maybe white?) for the labels in the left panel.

It was done