Dear reviewers,

Thank you for your valuable feedback, which improved the article's final version for readers. Most comments were accepted and changes were made to the text. Below is a list of responses addressing your comments.

***Review 1:***

In the ABSTRACT section, please write km2 in the correct form (using a superscript).

Solved

There are also some concerns regarding the REFERENCES section since their format is not consistent at all.

Davorka Herak... 2 D. Pollak... 7. S Baize... 8. Herniquet, M.,... In Ref. 20 and 22, the journal name is written in capital letters...

Solved, references are corrected with IEEE citation style

From the INTRODUCTION section, please renumber all of the Figures since #16 should be #2 ("known as the Pokupsko or Kupa Valley earthquake [1,16 ]" ).

References renumbered and solved
In Figures 1 and 2, please indicate the cartographic system. Moreover, be careful when proofreading since Ref 15 appears before [14]. Please add a legend to Figure 2.

Solved; reference numbers changed, added WGS84 coordinate system and description

In the METHODOLOGY section, please replace "," by "." in "...the recurrence of such events, The classical..."

 Replaced and solved

In 2.1., please replace "," by "." in "and seismic profile analysis [7],  Post-earthquake survey"

 Replaced and solved

In 2.2, there is only one paragraph... So this part should be split. Something similar happens in 2.3.

Paragraphs added, solved

***Review 2:***

Consider adding a subsection Results afte Methodology and before Conclusions, and summarize the results of practical research there.

The paper type is a scientific review, we do not have any results to discuss.

Suggestions for future research from 2.3 should go to the Conclusions, in order to make subsections more concise.

Sentence with future research moved to the conclusion

Consider making the abstract more concise. Some sentences could be shortened for clarity and readability. For example, the mention of the Banja Luka earthquake might be more appropriate in the Introduction

Sentence moved to introduction, abstract more concine

We are still in the Holocene epoch. Did you mean to say ‘dating back to the beginning of the Holocene’?

Yes, corrected

This is the first use of the abbreviation—please define it.

Corrected and solved

These abbreviations might be common in geology or seismology, but not all readers may be familiar with them. Consider providing the full terms.

Corrected, solved

Officially, the country is named ‘Bosnia and Herzegovina,’ and ‘Bosnia’ refers only to its northernmost part. If you were referring to the entire country, you should correct this, as well as ‘Bosnia scientists.’

Changed to Bosnia and Herzegovina

The correct term is ‘geodetic’.

Corrected

This subsection title is too broad; make it more specific.

Changed, solved

This should be CROPOS (Croatian Positioning System), the Croatian network of continuously operating reference stations and their positioning service. A reference system cannot be virtual; I assume you meant the Virtual Reference Station (VRS) approach in positioning. However, discussing the specific approach here would be too detailed. Instead, you should simply state whether the GPS measurement was static or kinematic. Based on the stated accuracy and the supposed ‘Virtual Reference Station’ approach (which is a form of RTK, Real-Time Kinematic measurement), I assume it was kinematic.

Corrected, solved

Consider replacing 'quickly' with 'readily' or 'clearly' for a more precise description.

Changed and solved

The first part of this paragraph should be moved to the beginning of this subsection, while the later part belongs in the conclusions. Also, in modern geodetic infrastructure, networks of continuously operating reference stations play a major role, more important than benchmarks and low-cost terrestrial networks.

Text moved and corrected.

Existing benchmarks in the field provide valuable information for detecting coseismic and postseismic movements following moderate to strong earthquakes. Furthermore, maintaining geodetic benchmark networks is typically cost-effective. However, many users are now utilizing virtual stations, and as a result, existing geodetic networks are not being properly maintained.

The subsection title is too broad. Consider using 'Paleoseismic Research' instead.

Corrected

The phrase 'these last' sounds awkward here. Consider replacing it with 'such records' for better clarity and readability. Additionally, 'they anyway poorly constrain the spatial parameter' could be reworded to 'they also poorly constrain spatial parameters' for a more natural flow.

Replaced and reworded

Geodesy' is too broad here. Consider using 'geodetic measurements' for greater precision.

changed

Too many paragraph breaks here. Consider merging related sentences to improve flow and readability.

Corrected

The sentence structure makes it seem as if the study, rather than the DTM, was acquired. Consider rewording for clarity.

Corrected

Grammatical issues: 'Campaigns of sampling has' should be 'Sampling campaigns have.' Also, consider rewording for better clarity and flow.

Reworded, corrected