

Comments to the Author:

Many thanks for your revised version. I have some additional comments, mainly to strongly encourage you to remember that this is a non-specialist journal and has a broad readership across the geosciences. Many readers will not be familiar with some of the earthquake terminology used and so more explanation of many technical terms is necessary.

1) Abstract line 3 - shape or shake?

We change it as shake.

2) line 47 - what is the MCS scale? Many readers of this journal will not be familiar with this.

We explained the MSC scale in the same line.

3) line 49 - same as above for 'S waves'. Please remember that this journal is about geoscience communication and has a broad readership across disciplines.

We provide a explanation of S waves in terms of its significance in the context.

4) line 66 - you have deleted the definitions of these terms (PGV and PGA) used.

We explain PGA and PGV in the last paragraph of the Method section even though they are mentioned in the second paragraph of the same section. We make the proper explanation in the first usage of the parameters.

5) Section 3 - given the readership, please provide a simpler explanation of the methods, as well as the technical details.

We provide simpler explanations of various technical details.

6) line 86 - please provide the URL of the repository in the main text.

We are providing the URL in Code and data availability section. In order to avoid a repeated information, we deleted this sentence.