

Dear Editor,

First and foremost, I want to thank you for your insightful feedback, which has improved the quality of our paper. We made a conscious effort to address the comments concisely and clearly as follows:

line 28. The reference to Madjdabadi, 2016 need to be adapted to the real name. Is it Mollahasani (as indicated in line 372?). please adjust one or the other.

Adjusted

Line 36. reference Daley et al., 2016 misses "et al."

Adjusted

Line 46. reference Mateeva et al., 2014, should not be italic.

Adjusted

Line 46. Kuvshinov 2016 reference is missing in the reference list.

Added

Line 54. For completeness you could add a reference about this ability to measure complex wavefield. Suggestion: Jousset, P., Currenti, G., Schwarz, B. et al. Fibre optic distributed acoustic sensing of volcanic events. Nat Commun 13, 1753 (2022). <https://doi.org/10.1038>

Adjusted

Line 77. This sentence has no verb...

Added

Line 158-159. This setence is a repetition of the sentence at lines 148. You could consider group them.

Grouped together

table 2. I miss this before... what is 12?

Our intention was to have the model dimension as a function of wavelength to compare all the scenarios at specific location of wave.

Line 201. There are 2 times a dot '.'. One is enough ;-)

Deleted.

Line 245. I guess this is the most important result. You could mention what is the main reason for the attenuated response of the HWC instead.

Applied in the text.

Line 302. remove the space between "on" and "e" to make the proper word "one".

Deleted

Line 334. I did not find a call to the reference Brinkgreve in the text. Either introduce a reference call in the text or remove it.

Deleted

Thank you for considering our manuscript for publication in Solid Earth.

Sincerely,
Mostafa Gorjian, On behalf of all the authors