

## ***Interactive comment on “Sensing earth and environment dynamics by telecommunication fiber-optic sensors: An urban experiment in Pennsylvania USA” by Tieyuan Zhu et al.***

**Gilda Currenti (Editor)**

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- 1) The argumentations raised by the comment 1 and 2 of the second reviewer need to be included in the manuscript.
- 2) Lindsey 2020 shows that the conversion from strain to velocity using the fk rescaling method is strongly dependent on the threshold parameter. Which value have you used? Did you find a similar sensitivity?
- 3) You have reported well how to calibrate the DAS records using the scaling factor to obtain signal in strain rate unit. It is important to estimate the amplitude of the strain

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rate signals, especially for the new class of records that you show for the first time in the manuscript. So, please convert the figures in the manuscript from DAS unit to strain rate.

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Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2020-103>, 2020.

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