

Interactive comment on “Seismic Indirect Economic Loss Assessment and Recovery Evaluation Using Night-time Light Images – Application for Wenchuan Earthquake” by Jianfei Wang et al.

Anonymous Referee #2

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I agree with most of the comments raised by the other referee. More specifically, I agree that you need to add to your introduction additional information about the earthquake and why that specific earthquake is of particular interest.

In addition, the use of night-time light as a proxy of economic activity should be better motivated, also linking on the existing literature. For example, see Chen X., Nordhaus W. D. (2011) Using luminosity data as a proxy for economic Statistics, Proceedings of the National Academy of Sciences, 108(21), pp. 8589–8594.

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Finally, your analysis does not account for the likely increase in economic activity in areas close to the event area as a consequence of the earthquake. It could be interesting to discuss this issue.

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2018-213>, 2018.

