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

Received and published: 9 October 2018

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.

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.