

## ***Interactive comment on “Quantifying the impact of land degradation on crop production: the case of Senegal” by B. G. J. S. Sonneveld et al.***

**Anonymous Referee #2**

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1. In the abstract “Land degradation has been a persistent problem in Senegal for a long time and by now has become a serious impediment to long term development.” It will be better if you can identify the exact period, how far it is long time??? to have a sense of the problem is degrading and increasing with time
2. Still in the abstract: “This pairing exercise is conducted under a gradual refining of the classification of circumstances, until a more or less stable response to land degradation is obtained, In this way, we hope to have controlled sufficiently for confounding variables that will bias the estimation of the impact of land degradation on crop yields.” When the authors write “obtained, In this” they need to end the first sentence with dot and start the second or make the start next sentence should be small letter
3. Page 3 the paragraph that start with “Senegal is a case in point. In an article in C932

Nature, Mulitza et al. (2010) have shown that sharp increases in dust deposition of terrigenous sediments” The authors choose short sentence by saying Senegal is a case in point. grammatically indeed it is right but starting the next sentence with Article it didn't make it the sentence flow smoothly, I would recommend that the next sentence reformat and make this part In an article in Nature, Mulitza et al. (2010) just reference at the end of the sentence

4. Figure two and three in their captions doesn't reflect any change , not by year or area if possible indicate in the captions what is the different

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Interactive comment on Solid Earth Discuss., 7, 1797, 2015.