

Earth Syst. Dynam. Discuss., author comment AC9  
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## Reply on RC4

Oliver López-Corona et al.

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Author comment on "ESD Ideas: planetary antifragility: a new dimension in the definition of the safe operating space for humanity" by Oliver López-Corona et al., Earth Syst. Dynam. Discuss., <https://doi.org/10.5194/esd-2021-26-AC9>, 2021

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Dear Reviewer,  
thank you again for all your comments, we will consider them on the revised version of the manuscript to improve its quality, please see comments on your first post.

We now would like to kindly ask you to consider the following:

We know that the present work does not provide the ultimate, complete, and undisputable data analysis, nor a complete mathematical formulation; but this is this way because the main "result" as identified by Reviewer 1 is the new "Idea" presented. We include some supporting preliminary analysis was added to show it is scientifically sound and more important, to point the path that could be followed to subsequent development.

So it is important to remark that an ESD Ideas paper is intended to present innovative and well-founded scientific ideas in a concise way that have not been comprehensively explored.

We are convinced that under this definition our work does comply.