

Earth Syst. Dynam. Discuss., referee comment RC1
<https://doi.org/10.5194/esd-2021-22-RC1>, 2021
© Author(s) 2021. This work is distributed under
the Creative Commons Attribution 4.0 License.



Comment on esd-2021-22

Anonymous Referee #1

Referee comment on "Impact of urbanization on thermal environment of Chengdu-Chongqing Urban Agglomeration under complex terrain" by Si Chen et al., Earth Syst. Dynam. Discuss., <https://doi.org/10.5194/esd-2021-22-RC1>, 2021

This manuscript consists into a relevant study for the study of the urban heat island effect by including the influence of the surrounding topography. The document is well written, presenting a high-quality work in a clear and organized way. Before publication, I would like to see a small improvement in this document comprehending the future scenario. As a reader, I felt that there is little detailed information to understand the extension and magnitude of the modifications implemented in the future scenario to induce the results. For instance, to a naked eye, such modifications are not visible in figure 2. My suggestion to the authors is to increase the figure 2 (increase also the legend), and quantify the percentage of land use that was modified both in and out the urban areas.