

Earth Syst. Sci. Data Discuss., referee comment RC1
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Comment on **essd-2022-117**

Anonymous Referee #1

Referee comment on "LUCAS Cover photos 2006–2018 over the EU: 874,646 spatially distributed geo-tagged close-up photos with land cover and plant species label" by Raphaël d'Andrimont et al., Earth Syst. Sci. Data Discuss., <https://doi.org/10.5194/essd-2022-117-RC1>, 2022

General Comments:

This paper presents an interesting dataset of geo located photos of land Cover in the EU that was unpublished until now. This dataset is complementary to an existing database of photos from the LUCAS survey. This new dataset (are related paper) is worth to be published.

The abstract and the description of the differences between the photos from the already published dataset and the photos from this new dataset can be improved (see next section)

Technical corrections

The abstract would need to be improved. In particular the abstract cannot be easily understood without reading the manuscript itself. E.g.

- The First sentence in abstract seem to lack a word. Suggestion to add 'exercise' as follows: "In the European Union, a tri-annual surveyed sample **exercise** collects land cover .."
- The difference between "landscape and point photos" is not obvious (i.e. one has to read the manuscript to get the information)
- Difference between "landscape and point photos" and "LUCAS Cover photos" is not

obvious from the abstract alone.

- "LUCAS Cover photos that show the relevant land cover in its entirety" What does it mean? What is the difference or specificity compared to the landscape photos?
- "Due to surveyor differences, the images sometimes display elements that require a two-stage deep learning anonymisation process". The rationale of the 'surveyor differences' is not obvious to understand the need of a 'anonymization process'

From section 3 and figure 2 the Difference between landscape photos and "LUCAS Cover photos is quite clear. But the difference between landscape and point photos is still not evident.