Earth Syst. Sci. Data Discuss., author comment AC2
https://doi.org/10.5194/essd-2021-86-AC2, 2021

Reply on CC2

Miao Zhang et al.

Author comment on "GCI30: a global dataset of 30□m cropping intensity using multisource remote sensing imagery" by Miao Zhang et al., Earth Syst. Sci. Data Discuss., https://doi.org/10.5194/essd-2021-86-AC2, 2021

Thanks for Dr. Fan's comment and suggestions on optimizing the files provided on the data sharing platform. We agree with the reviewer that 504 tiles are too much for the users to find specific tile or tiles over the area of interests.

Actually, before open discussion of our manuscript, the Topical Editor also gave a comment on this. As suggested by the Topical Editor, we added three files in the repository. One is an index map in jpg format with labels to indicate the indices of the tiles available at https://dataverse.harvard.edu/file.xhtml?fileId=4771683&version=2.0. We also provide a shapefile so that the users could overlap the polygons of all tiles with their own study areas to identify which tiles of data are in need. In addition, we provided readme document in the repository.

Based on the index map and polygons provided, users could not only access to the data, but also can easily find the data they want through the index map as suggested by the topical editors. We also agree with the suggestion of aggregating some tiles into the continent level providing limited number of files with large data volume for each. We aggregated the tiles accordingly and even packaged the data for each continent and uploaded the .zip files but failed because file upload limit is 2.5 GB per file by Harvard Dataverse where the data is shared. If the users want to download the images for large area study, we recommend using the bulk download option Harvard provided.