Comment on essd-2022-19
Anonymous Referee #1

Referee comment on "Vectorized dataset of roadside noise barriers in China using street view imagery" by Zhen Qian et al., Earth Syst. Sci. Data Discuss., https://doi.org/10.5194/essd-2022-19-RC1, 2022

This paper creates a vectorized RNB dataset, which is an impressive work of good quality. This dataset will be beneficial for further studies as it is not always easy to create and find such data. Also, the street view image benchmark dataset is provided, which can be used as a training dataset for further work. There are some comments for the authors to consider:

1. Do the authors see any possibility to extend the application of this approach to other regions outside of China in the future?
2. I hope this dataset can be updated regularly to follow the frequency of Baidu Maps adaptation, and it is very beneficial, although the workload is enormous.
3. Line 247-248: As said in this article, "where blank areas indicate no RNBs or lack of BSV images", from my perspective, it will be exciting and crucial to know exact information from blank areas, such as which cities lack RNBs or BSV images.