Comment on essd-2022-336
Anonymous Referee #1


The Estimating Local Agricultural GDP across the World paper is a very interesting article, and faces in an innovative way the issue of integrating official economic statistics, often scarce, with geospatial data available and of high quality.

However, is it suggested a re-wording in the title and in the text for the term "agricultural GDP". Technically speaking Agricultural Value Added (which is a percentage of GDP) is more precise.

Moreover the Authors should better explain how of the total livestock, crops etc. that could theoretically contribute to the Agricultural value added are netted out of the quantity related to natural losses, self-consumption by farmers, or simply are unsold in the market. In all these cases we have a physical quantity that do not reach the buyer, and therefore can't contribute the the agricultural value added as meant by the SNA and economic statistics. If these aspects are not considered by authors, it is suggested to use the term "potential value added".

with these changes and/or further explanations, the article is welcome to be published.