Comment on essd-2022-115
Anonymous Referee #2


The work should be completed at various points. From this perspective, the authors should work to improve the manuscript and prepare it for a journal publication.

Some (Minor) of the changes required are:

- In the abstract, the main challenges should be described briefly and then the main proposed solutions should be mentioned. It is not necessary to discuss the details of the gaps.
- An additional English grammar and spelling check should be performed. Moreover, some sentences have to be reformulated in order to present in a clearer way the ideas and the findings of the proposed work.
- Each acronym should be explained the first time it appears in the text, even if it appeared in the abstract. Checks all abbreviations in text: each word should start with capital to explain an abbreviation. Add a table with the title to the article. Note: The list of abbreviations should be in alphabetical order.
- The “2 Related Research” background section is very weak. Authors should develop this section properly by reading new articles and references about “Sentinel 1” and “CNN”. In the introduction, please list the main contributions of this paper and the research question, and the motivations. What are the main advantages to select CNN?
- Line 25> “also affects stakeholders”, Please give some examples of such as stakeholders.
- Line 63> “offshorewind”, Please check. Can be “offshore wind”
- Figure 7> Please check the horizontal axis of figure 7 “quarterly time series”.
- Line 365> “by” can be deleted.
- All formulas must be transferred to the methodology section. Are these formulas part of the results of your research?
- Specify the Materials and Methods section and the results section of your research. "It can be developed based on the following: Introduction, Case Study, Materials and Methods, Results, and Conclusion. Display the article with a better structure."