Comment on essd-2022-184
Anonymous Referee #1

Referee comment on "Classification and mapping of European fuels using a hierarchical-multipurpose fuel classification system" by Elena Aragoneses et al., Earth Syst. Sci. Data Discuss., https://doi.org/10.5194/essd-2022-184-RC1, 2022

Dear authors,

This work provides a hierarchical classification system of surface and canopy fuels adapted to continental conditions, covering 85 fuel types, and grouped into six major fuel categories. The final European fuel map contains 20 fuel types, obtaining a high estimated overall accuracy (88%-81%) for all mapped fuel types.

I reaffirm the words of the authors and it is the first step towards a mapping that takes into account the risk of risk throughout Europe, which can help in decision making from a prevention point of view that in years like 2022 in the Mediterranean regions a pre-season fire risk assessment is necessary.

It only remains for me to congratulate the authors since the article brings a novelty in the state of the art, it has great quality both in the content and in the presentation of the same.

To mention it, I would only detail the processing time required and the work process followed.