



EGUsphere, referee comment RC1
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Comment on egusphere-2022-583

Anonymous Referee #1

Referee comment on "Mapping soil micronutrient concentration at national-scale: an illustration of a decision process framework" by Christopher Chagumaira et al., EGU sphere, <https://doi.org/10.5194/egusphere-2022-583-RC1>, 2022

In this manuscript micronutrient concentration is mapped at national scale using geostatistical models and machine learning, and the uncertainty derived from the predictions is then linked to a decision-process framework in which maps are needed as input. Overall I suggest to accept the manuscript as is for two reasons:

1- The research is relevant and interesting, the manuscript is well written, the statistics and methodology for data analysis are valid (and also well explained), the conclusions address the question posed and the arguments are clear.

2- Comments to papers in SOIL are rarely taken on board by authors and editors and so it is more efficient for everybody (especially for reviewers) to accept papers as they are.