Review of: "New Method to Identify Potential Illegal Water Use Location by Using Remote Sensing and Neural Networks in Laguna de Aculeo, Chile"

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Potential competing interests: No potential competing interests to declare.

1. DAA - What is the expansion?

2. Study of irrigation types and volume of irrigation during the specified period (OCT 2021 to APR 2022) for the region considered for the experiment is missing. The results will be sound if that data is included in the manuscript.

3. What are the 9 different groups in clustering? Provide the details of the 9 groups.

4. In trend analysis, classification efficiency is used for performance. What does efficiency mean with respect to the metrics?

5. In trend analysis, what machine learning algorithm is used? Mention the algorithm used and provide justification for selecting the respective machine learning algorithm. Provide the confusion matrix and metrics used for evaluating the machine learning method.

6. 3.5. *Potential water consumption for grass irrigation* -No content is available.

7. In conclusion, for the meeting held in September 2022, were any data collected from the audience in the form of feedback or any other mechanism for evaluating the proposed work? If so, provide the statistics to supplement the research.

8. In conclusion, it is given that a neural network is used. Provide the ANN/deep neural network model used for the experiment.

9. In 3.6, provide the year along with the month. Similarly, include the year wherever year is missing in the manuscript.

10. Overall, the article is interesting. The data analysis part was good. However, the machine learning used for the research lacks model presentation and performance evaluation in the manuscript.