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.

This article entitled "New Method to Identify Potential Illegal Water Use Location by Using Remote Sensing and Neural Networks in Laguna de Aculeo, Chile" presents how remote sensing and machine learning were used to monitor water use in Laguna de Aculeo. This work reflects good scientific knowledge of the tools and methods used. Moreover, it provides a real solution to the problem of water management in arid areas.

However, to improve this manuscript, the following remarks should be considered:

- Precipitation data were not presented in part 2 - materials and methods.

- Figure 2 provides no information on precipitation results in 3-1.

- Figure 4 is not sufficiently legible.

- There is no content in part 3-5- Potential water consumption for grass irrigation.

- Figure 4: on the EVI graph, we can see that the mean is higher than the maximum; how do you explain this? The same applies to Table 1 for the EVI index.

- The title does not effectively reflect the content of this work; it should be reworded.