# 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.

The article adheres to the structure of a scientific paper. The analysis of the state of the art is commendable, as it draws on other publications, making the literature review appropriate. While the techniques or tools employed are not original, the methodology for detecting grass cover, particularly during seasons with no recorded precipitation, is novel from my perspective. Other researchers could indeed reproduce this work.

Regarding the absence of rainfall during the analyzed period, it is worth considering the possibility o**humidity originating from the sea**. Coastal areas often experience increased humidity due to proximity to marine bodies. Although the study does not explicitly mention this, it could be a contributing factor.

As for the observation of trees surrounding the grass areas in Figure 5, this could indeed influence the analysis. The spectral characteristics of trees differ significantly from grass, and their presence might introduce noise or misclassification in the unsupervised classification method. Incorporating additional spectral bands or refining the classification algorithm could help mitigate such effects and improve accuracy.