

# 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.

Dear Authors,

Below are both positive aspects and necessary corrections for your consideration. The authors need to implement the suggested points in the manuscript.

## Comments

### Positive aspects of the article:

1. The article effectively separates different sections.
2. The research method demonstrates innovation.
3. The quality of the tables is acceptable.
4. The references are appropriate.

### Corrections for the article:

1. It is suggested that the title be shortened.
2. Grammatical errors are observed throughout various sections of the manuscript, and it is recommended that the entire manuscript be thoroughly checked for revisions.
3. Unfortunately, the abstract fails to provide a clear summary of the main contributions presented in the paper. It is suggested that you rewrite the abstract.
4. The keyword "ndvi" should be removed.
5. The introduction section is overly lengthy and requires summarization.
6. Figure 1 should be relocated to the "Data Collection" section.
7. The methods section, especially concerning the Iso Cluster Unsupervised Classification method, is weak, and

numerous references are missing throughout this section.

8. In section 3.2, lines 6 and 7 require further explanation.

9. Figure 4 lacks quality.

10. Section 3.4 is lacking in detail, particularly regarding model methodology, including hyperparameters. Additionally, specify which statistical parameter was utilized to evaluate the model's performance.

11. Section 3.5 lacks content.

12. The Discussion section is weak and merely summarizes the work outlined in the manuscript. It should be rewritten for clarity and depth.