

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 paper presents a method that can assist government authorities in identifying and following up on illegal water usage. The method uses vegetation indices derived from satellite data that are then clustered to show distributions of land cover. Overly "green" cover (that is, cover that exceeded various threshold values) in times of drought and/or zero rainfall is then an indicator of possible illegal water use.

The paper does not really contribute anything new in terms of image processing, remote sensing, computer science, etc., but it does contribute through the development of a tool to allow the detection of illegal water usage. This is a useful contribution and will be more useful once it is made more easily accessible to all users (without the commercial constraints).