

Review of: "Integration and Implementation of Multiple Soil Sensors for Automated and Regulated Irrigation"

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Potential competing interests: No potential competing interests to declare.

Manuscript title: **"Integration and Implementation of Multiple Soil Sensors for Automated and Regulated Irrigation-ID=2V5O3K.2"**.

The main queries are listed below:

- 1- "Abstract" is not prepared in a scientific format and should be improved. Adding some useful quantitative results is necessary.
- 2- The manuscript doesn't have line numbers, and it makes it difficult for addressing!
- 3- Page 1, Abstract: What do you mean by soil parameters? Which parameters? In addition to R^2 , you should add some error indices (RMSE, NSE, ...).
- 4- As I noticed, you have calibrated a set of electrical instruments for measuring the soil properties. After calibrating, you should have examined other statistical or AI-based models as indirect methods for predicting these parameters and compared them with the measured values.
- 5- Unfortunately, no comparisons are made between the results of this research and those of similar works. I can also suggest that the author(s) invest their efforts in discussing the results and their possible reasons.