

Comments to the Author:

Dears Authors should pay attention to the revisions, addressing each and every comment:

My main comments are as follows:

1. Keywords should not have more than three words.
2. It is not clear what the novelty of this research is; please highlight it at the end of the introduction.
3. Materials and methods:
Data processing and statistical analysis: At this point, you mention that the simulations are carried out using different models within the HYDRUS-2D software program. Explain their use in greater detail based on what You want to model.
4. Results:
Explain how many times greater one data point is than another, in order to understand the impact of slope on N or P loss. This information could be adapted within the same table.
5. Finally, you mention the importance of conducting the study considering a greater number of variables and models that allow for better alternatives to solve this problem.
6. The titles of Figures 6 and 7 are very long, and they are combined with the denotations of the acronyms, which makes it longer. It is advisable to be more precise.
7. Is recommended to separate the discussion from the conclusions.
8. The recommendations for future research could be more specific, NO put in conclusions.