

Review of: "Assessment of soil erosion in the Cesar watershed, an initial step toward the restoration of the Cesar River"

Dan Dumitriu¹

¹ University of Iasi

Potential competing interests: No potential competing interests to declare.

Dan Dumitriu

"A.I.Cuza" University of Iași, Romania

General comments:

The manuscript "*Assessment of soil erosion in the Cesar watershed, an initial step toward the restoration of the Cesar River*" proposed by Vega S.T. and collab. address a very topical issue in the context of increasing anthropogenic impact and climate change. Topics related to soil erosion will always be of interest, especially where information is quite limited. However, a series of changes or additions can be made to add value to the article.

Title and Abstract:

- The title could be modified to not include the name Cesar twice.
- The abstract could be more concise: it should highlight the essence of the study, namely the main results and conclusions.

Introduction:

- Better emphasis could be placed on the current state of research in this field;
- The precise statement of the scope and specific objectives will bring a touch of clarity to the article.

Methodology:

- More details on the methods used could be provided (RUSLE-GGS, Getis-Ord Gi *).
- **Sediment transfer rates** (SDR) Is similar to **Sediment Delivery Ratio** (SDR)?

Results and Discussion

- "*This could be interpreted as a function of changes in precipitation or other effects caused by land use*" How do we know? Is the statement based on concrete data?
- The information in fig. 4 is also found in fig. 3.

- The restoration proposals are far too general and are not based on the results obtained in this article.

Conclusions

- If the purpose and objectives were clearly stated and the conclusions were concise. Conclusions can be improved.