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

J. R. Shrivatra[1]

1 Rashtrasant Tukadoji Maharaj Nagpur University

Title: Assessment of Soil Erosion in the Cesar Watershed: A Comprehensive Review

Rating: 4.2

The article "Assessment of soil erosion in the Cesar watershed, an initial step toward the restoration of the Cesar River" by Stefany P. Vega et al. provides a comprehensive analysis of soil erosion in the Cesar watershed. The study employs the RUSLE-GGS erosion model and the Getis-Ord statistical analysis to estimate erosion rates, identify hotspots, and discuss implications for the restoration of the Cesar River. Here is a detailed review:

1. While the article is generally well-written, there are instances where the language is somewhat technical. Improving the clarity of certain sections, especially in the methods and results, would enhance accessibility for a broader audience.
2. The article mentions challenges related to data availability, particularly for the low alluvial plains. Providing insights into how these challenges were addressed or potential implications on the study's outcomes would strengthen the methodology section.
3. A more explicit discussion of the limitations of the study, such as the assumptions made in the model and potential sources of uncertainty, would contribute to a more balanced interpretation of the results.

The article successfully contributes to the understanding of soil erosion in the Cesar watershed and provides valuable insights for future research and practical interventions. With a few refinements in clarity, the article could further strengthen its impact and accessibility to a wider audience.