

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

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Potential competing interests: No potential competing interests to declare.

Thank you for inviting me to review this manuscript. The manuscript reads well, however I have some specific comments as listed below.

1. The abstract needs revision as it does not contain all things of the paper. It should highlight the problem statement, the required data, the methodology, some key findings and the conclusion.
2. In the abstract, "Different scenarios were modeled to assess and predict the variations in sediment yield and to fit the model to the sediment concentration data observed in local sediment gauging stations." The considered scenarios are missed in the methodology section.
3. The soil erosion result resolution is too high (2.5 km). Better to use fine resolution for the analysis.
4. **Page 9/15:** *"The total moderate erosion rate in the watershed area gradually increased from 2,21% in 2000 to 2,03% in 2010 and finally to 2,65% in 2020 (Fig. 3)."* The value indicates that there is a reduction in the first decade and then an increase on the second decade.
5. **Page 9/15:** Fig. 2. The high and very high levels of erosion at the mountainous part disappeared in the 2nd decade of the study and regenerate in the 3rd decade. Any reason? Is that due to the occurrence of landslide in this period?