

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.

The article is clear and well structured.

The proposed methodology for the erosion quantification is interesting because it is robust and well proven, allowing its useful use also in other world areas, such as the Mediterranean basins, where soil loss is one of the main causes of the desertification process.

Just a few observations:

1. Could you change the colors of the vegetation map to better distinguish different types of land use?
2. Could you show data on sediment yield of other rivers/basins in South America to better support the sentence <<Thus, it stands out as the fluvial system exhibiting the largest sediment production in South America>> reported in the introduction?
3. Could you describe the method used for the sediments quantification at the measurement stations (i.e. filtration and weighing or use of optical probes)?
4. Could you report some more details on the model calibration (i.e. tables or graphs comparing the series observed at the measurement stations and the series simulated by the model)?

I sincerely hope my suggestions are clear and useful.