

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

M. F. Kassab¹

1 Egyptian Atomic Energy Authority

Potential competing interests: No potential competing interests to declare.

The article represents a case study where modeling and direct measurements were performed to estimate soil erosion processes in the Cesar watershed.

The authors perfectly introduced the problem and the need to conduct such case study. Methods are clearly described and explained in away to allow the reproducibility of such case study in other regions.

The title of "**Table III.** Results of estimated sediment yields and <u>sediment yields</u> observed at local stations. Author" should be recomposed and authors should define the sediment yield and its units clearly and also for "Average sediment concentration values observed".

I do recommend that the author could show separately the generated map for each component of RUSLE model i.e. map of Soil erodibility factor (K), LS, R,C, and P which would help the reader to distinguish the effect of each component of RUSLE model.

In general, I recommend the article for publication.

Mohamed KASSAB, PhD in Irrigation Engineering, Politecnico Di Milano

Associated Professor at Water Engineering and Renewable Energy Technology R&D Unit

Soils and Water Research Dept. Egyptian Atomic Energy Authority.