

Review of: "Effects of Sediment Disturbance by the Heart Urchin *Echinocardium Cordatum* on the Sediment–Seawater Solute Exchange: An Exclusion Experiment"

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Potential competing interests: No potential competing interests to declare.

This manuscript, titled Effects of Sediment Disturbance by the Heart Urchin *Echinocardium Cordatum* on the Sediment–Seawater Solute Exchange: An Exclusion Experiment, is relevant in the context of bioturbation and ecology using urchins. I suggest publication because it is an interesting topic with few findings in the literature. However, I suggest some adjustments:

Title: The name of the species must be written appropriately.

Keywords: Should not overlap the title; therefore, choose words that are not in the title.

Introduction: Describe better the importance of this study for the study region and its socio-environmental and ecological impacts. Update bibliographical references, as those cited are very old.

Materials and methods: Describe the experimental design more clearly and cite the methodological reference sources, as I felt there was a lack of references.

Results: The data in table 1 was not clear to me. Describe the data in the table more clearly.

Discussion: Discuss your data further with findings from the literature.

Figure 1: The study area was not clear; improve the map image.

Overall, the manuscript presents important data that should be published, taking into account the adjustments indicated by the reviewers.

Yours sincerely,

Wanda Batista de Jesus