

# 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.

Some minor comments

Replace and therefore affect carbon remineralisation rates

with

And therefore affect carbon remineralisation rates

Replace carbon and nitrogen, etc...

with C, N, etc....

Replace

4-hour incubation period.

with

4-h incubation period.

For all apparatuses, etc., give model if available, manufacturer, city, and country of origin.

You state

following the A177, A182, and A027 protocols

I don't understand this—is this a reference given in the list of references?

Major comments

The theory that you propose on the effect of these urchins on solute exchange is not all or nothing—shouldn't there be a critical mass of urchins to make these changes statistically significant? So this number of organisms might be larger than 10? How are you sure that you simply did not reach a critical mass to observe changes?