

Masters thesis on copepods

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Why this??

My area of interest is the anthropogenic effects on the current oceanic systems, and how these increasing anthropogenic impacts will affect marine organisms in the future

examples of this include but are not limited to. . .

- Increased salinity
- Climbing pH
- Increased plastic particulates

Thesis statement/question



Does consuming micro particles of plastic have a measurable effect on water column placement, swim rates, as well as sink rates on the species *Acartia tonsa*?

Possible outcomes

- no plastic consumption

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- no plastic consumption
- plastic consumption but no effect on rates

Possible outcomes

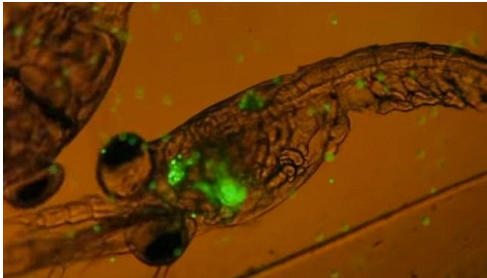
- no plastic consumption
- plastic consumption but no effect on rates
- plastic consumption and slower swim rates

Possible outcomes

- no plastic consumption
- plastic consumption but no effect on rates
- plastic consumption and slower swim rates
- plastic consumption and death within 1 hour

Consequences

The consumption of these microplastics cause starvation, which surely have an effect on mortality rates in my experiment



What I hope my results to resemble

