

Interactive comment on “Global representation of tropical cyclone-induced ocean thermal changes using Argo data – Part 1: Methods and results” by L. Cheng et al.

M. Hecht (Editor)

mhecht@lanl.gov

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Dear Authors,

the concept behind your work is, I believe, compelling, and we are grateful to have your manuscript in review at Ocean Science. Both referees do have substantial concerns with the paper as it stands now. Referee #1 says that the results "mostly confirm findings from previous studies", and suggests that "it is not worth devoting so much space to the description of the footprint method and the estimation of background variability". Furthermore, the Referee suggests that you "combine the two parts into one paper".

The second referee is in agreement that the two parts should be combined. In addition,
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Referee #2 has some criticism of the statistical robustness of the analysis that must be soundly addressed.

Further review with the Journal will require integration, in an effective form, of Parts 1 and 2, as well as response to the individual points that have been made.

Wishing you the best with your work.

Sincerely Yours, –Matthew Hecht

Interactive comment on Ocean Sci. Discuss., 11, 2831, 2014.