

***Interactive comment on “Eddy-induced Track  
Reversal and Upper Ocean  
Physical-Biogeochemical Response of Tropical  
Cyclone Madi in the Bay of Bengal” by Riyanka  
Roy Chowdhury et al.***

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Reply to the Comments of Anonymous Referee#2 Posted on 26 March 2019

**General Comment**

Ã¢ Referee's General Comment Based a suite of atmospheric and oceanic datasets during the passage of TC Madi, Chowdhury et al. examined the upper ocean physical-biogeochemical response to the TC, mostly emphasized the effect of pre-existing cold core eddies underneath the TC. The topic of TC-ocean interaction in the BoB is in-

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teresting and important for TC forecasting. Generally, the effect of mesoscale eddy on TC-ocean interaction is well known at the present stage. Due the lack of in situ observations, studies on the Biogeochemical response to a TC is relatively less and this study may enrich our knowledge on the biogeochemical change induced by TC passage.

**Author's Response** We thank the Reviewer#2 for reviewing the manuscript and for the comments.

**For Authors Response Please Access Supplement pdf**

Please also note the supplement to this comment:

<https://www.ocean-sci-discuss.net/os-2018-133/os-2018-133-SC3-supplement.pdf>

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Interactive comment on Ocean Sci. Discuss., <https://doi.org/10.5194/os-2018-133>, 2019.