

***Interactive comment on “The Acceleration of Dissolved Cobalt’s Ecological Stoichiometry due to Biological Uptake, Remineralization, and Scavenging in the Atlantic Ocean” by Mak A. Saito et al.***

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We thank the reviewer for her efforts. We will make/consider all of the requested changes or suggestions.

Regarding the use of  $Co^*$ , we agree that it is a challenging value to estimate with a highly variable  $Co$  quota value. Yet as the reviewer points out it is perhaps more useful in comparison to other  $*$  variables in having such deficient values in the mesopelagic and deep (including in OMZs where the source is high), demonstrating a global deep ocean deficiency of this metal relative to  $P$ . For that reason it may be a useful parameter

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to explore and present here, particularly since the visual is rather striking in being cohesive and showing major patterns.

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Interactive comment on Biogeosciences Discuss., doi:10.5194/bg-2016-511, 2016.

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