

***Interactive comment on “Latitudinal variations of  $\delta^{30}\text{Si}$  and  $\delta^{15}\text{N}$  signatures along the Peruvian shelf: quantifying the effects of nutrient utilization versus denitrification over the past 600 years” by Kristin Doering et al.***

**Anonymous Referee #1**

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I have read the authors' revised manuscript, and my comments and suggestions have been addressed well - I don't have anything further to add at this stage. This is a well-written paper that explores a new methodology for deconvolving the signals from different nutrient cycles, which is well-suited for Biogeosciences. I would suggest that the paper is published.

Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2018-118>, 2018.

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Discussion paper

