

***Interactive comment on “Nitrous oxide dynamics  
in low oxygen regions of the Pacific: insights from  
the MEMENTO database” by L. M. Zamora et al.***

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Received and published: 30 October 2012

We wanted to point out that two of the figures have changed slightly.

Fig. 6 has been modified because an error in the UVic model was found that lead to faulty oxygen distributions (and thus less realistic nitrous oxide distributions). Note that while the magnitudes of nitrous oxide concentrations shown in Fig. 6 are somewhat different, the trends in data are still the same. Thus this correction has only no impact on our conclusions.

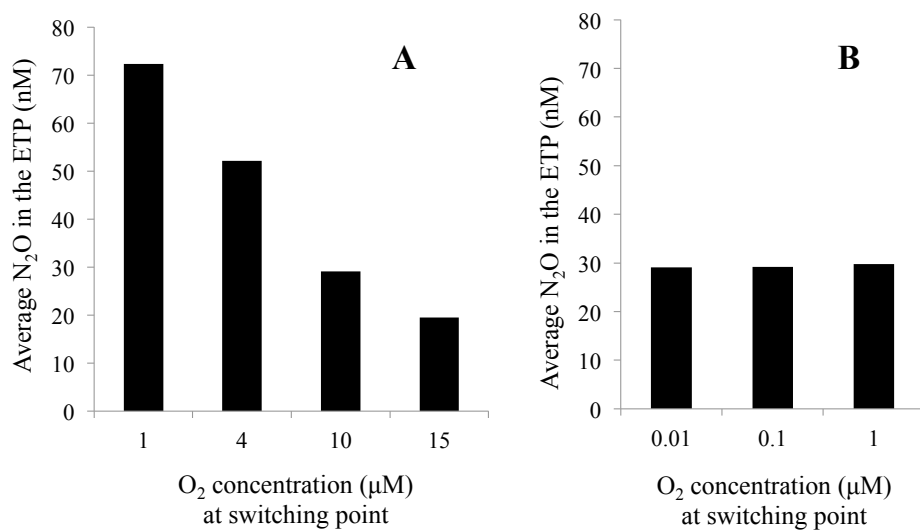
Fig. 7 has been combined with the former Fig. 8 at the request of the referees, and now also includes a map of the sampling region.

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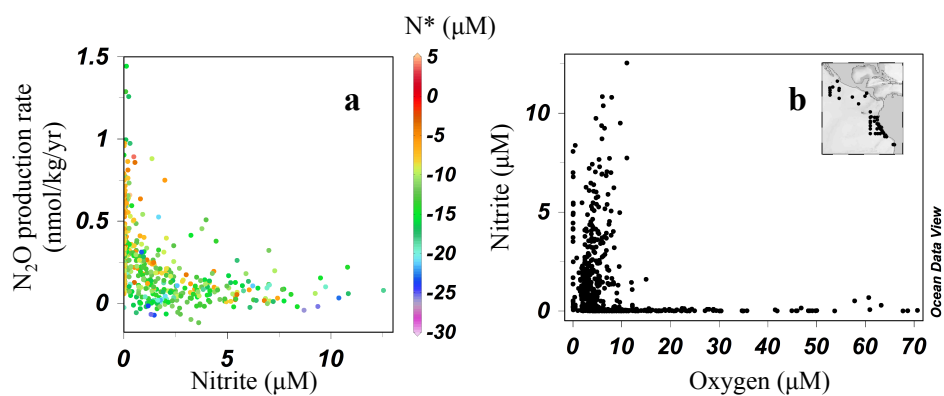
Interactive comment on Biogeosciences Discuss., 9, 10019, 2012.

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**Fig. 1.** The new Fig. 6: Sensitivity of average modeled N<sub>2</sub>O concentrations in the ETP to a) the O<sub>2</sub> concentration at which N<sub>2</sub>O consumption begins, and b) N<sub>2</sub>O consumption rate

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**Fig. 2.** The new Fig. 7: a) ETP N<sub>2</sub>O production rate (N<sub>2</sub>OPR) vs. NO<sub>2</sub><sup>-</sup> and N\* in the Eastern Tropical Pacific (ETP), b) NO<sub>2</sub><sup>-</sup> (μM) and O<sub>2</sub> (μM) values in the ETP from depths >150 m. NO<sub>2</sub><sup>-</sup> accumulates at O<sub>2</sub> <10 μM.

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