

Interactive comment on “Swept under the carpet: the effect of organic matter burial in global biogeochemical ocean models” by I. Kriest and A. Oschlies

I. Kriest and A. Oschlies

ikriest@geomar.de

Received and published: 7 August 2013

Correction of caption for Fig. 1.

After publication it came to our attention that we made a mistake in the caption of figure 1: instead of “rain rate” we should have written “burial” for the distinction between different burial parameterizations. (See also model description in subsection 2.1.) Many thanks to Andy Dale, GEOMAR Kiel, for noting this error.

The corrected caption therefore has to be (corrections in italics):

C4131

Fig. 1. Burial vs. rain rate onto sediment for various approaches. Open black circles and thick black line: observations and regression based on data set by Burdige (2007). Thick red symbols: data compilation for regions with *burial* < 250 mmol C m⁻² yr⁻¹. Thin red symbols: data compilation for regions with *burial* ≥ 250 mmol C m⁻² yr⁻¹. Straight red line: regression for data compilation over all regions. Dashed red line: regression for data compilation over regions with *burial* < 250 mmol C m⁻² yr⁻¹. Regressions from Flögel et al. (2011) are shown as straight (open ocean) and dashed (coastal) blue line. The algorithm by Dunne et al. (2007) is denoted as green line. Thin black lines denote constant burial efficiencies of 100 (straight), 10 and 1% (both dotted).

Interactive comment on Biogeosciences Discuss., 10, 10859, 2013.

C4132