

# ***Interactive comment on “Simulating oceanic radiocarbon with the FAMOUS GCM: implications for its use as a proxy for ventilation and carbon uptake” by Jennifer E. Dentith et al.***

**Jennifer E. Dentith et al.**

eejed@leeds.ac.uk

Received and published: 24 February 2020

Please find our response in the attached PDF.

Please also note the supplement to this comment:

<https://www.biogeosciences-discuss.net/bg-2019-365/bg-2019-365-AC1-supplement.pdf>

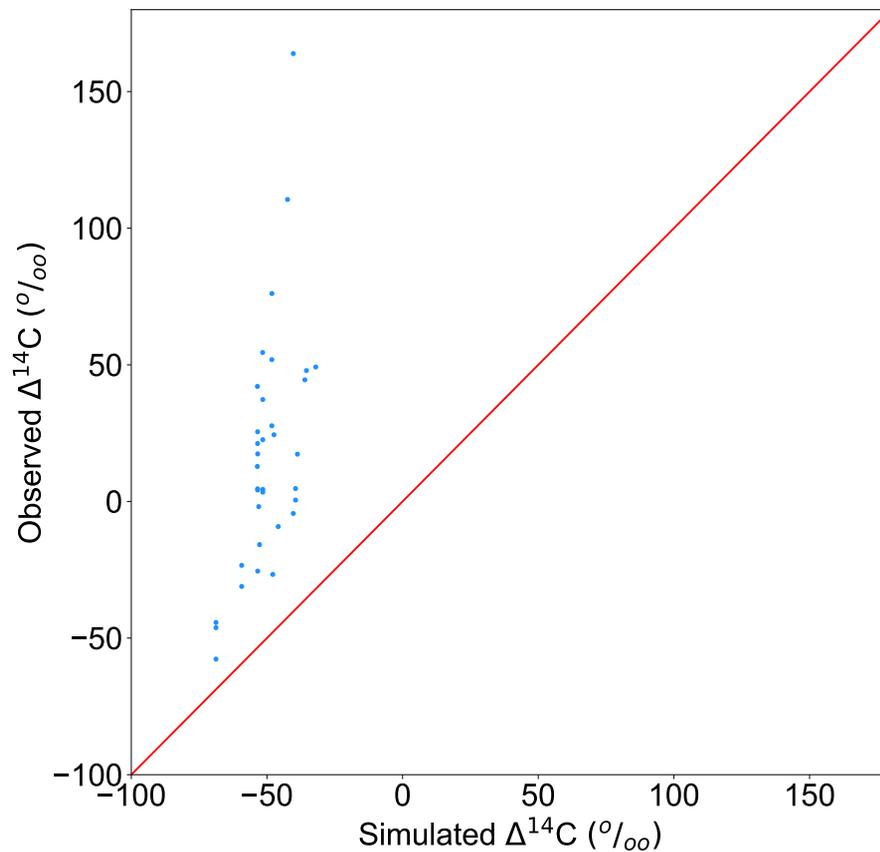
---

Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2019-365>, 2019.

Printer-friendly version

Discussion paper



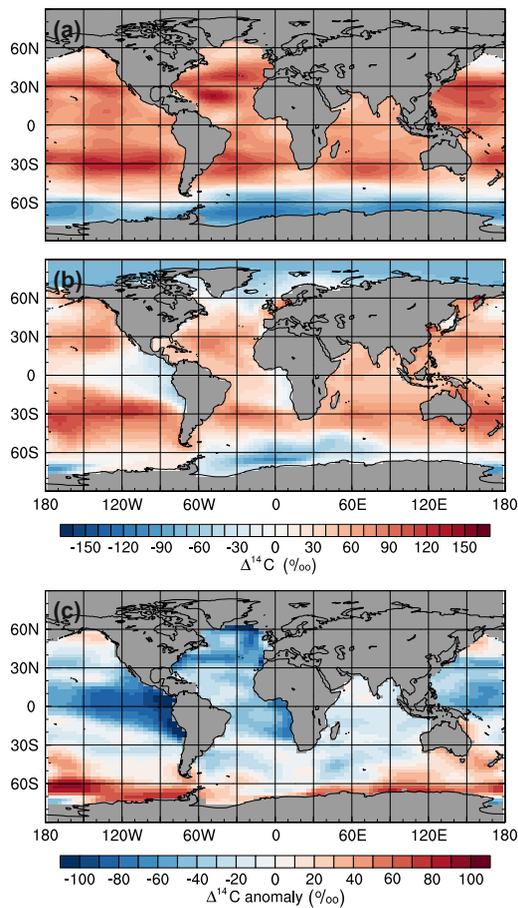


**Fig. 1.** Simulated versus observed  $\Delta^{14}\text{C}$  values from the Arctic Ocean during the 1990s.

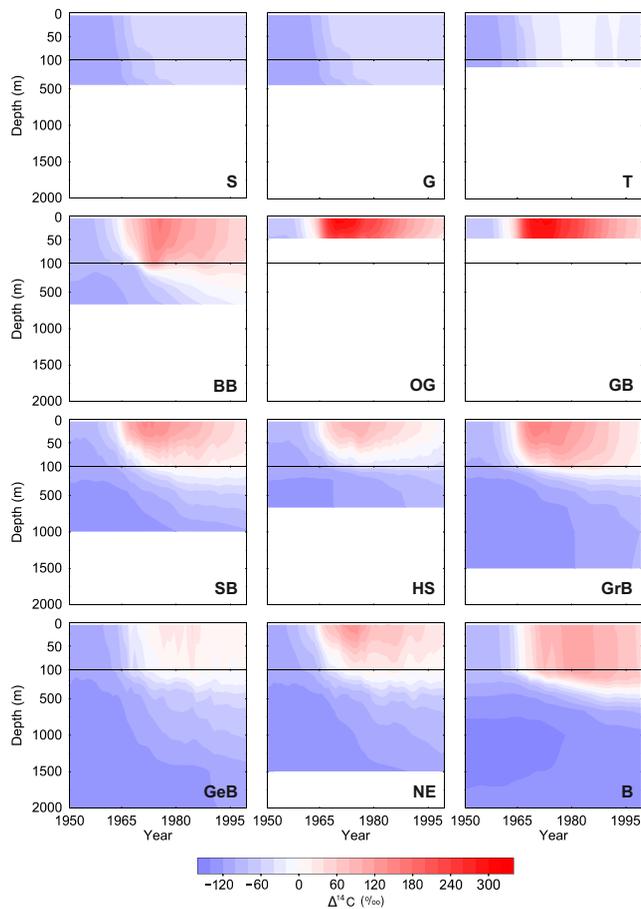
[Printer-friendly version](#)

[Discussion paper](#)





**Fig. 2.** Proposed revision to Fig. 4 with (c) simulated minus observed  $\Delta^{14}\text{C}$  values.



**Fig. 3.** Proposed revision to Fig. 11: Hovmöller diagrams of simulated  $\Delta^{14}\text{C}$  at the coral and bivalve locations (outlined in Figure 9)

Printer-friendly version

Discussion paper

