

Interactive comment on “Biogeochemical response of the Mediterranean Sea to the transient SRES–A2 climate change scenario” by Camille Richon et al.

Camille Richon et al.

crichon@liverpool.ac.uk

Received and published: 28 September 2018

We thank the referee for their comments. As suggested, we rearranged the results section in order to include the nutrient budgets first and then discuss the potential causes for their modifications (changes in river inputs, exchanges through the Strait of Gibraltar and sedimentation). We also clarified some methodological points (initial conditions, atmospheric deposition) and present a figure summarising the fluxes of nutrients in the Mediterranean and their evolution throughout the century.

We present all answers to comments and questions in the attached material, along with a revised version the manuscript and a track version allowing to monitor changed

C1

made since the first submission.

Please also note the supplement to this comment:

<https://www.biogeosciences-discuss.net/bg-2018-208/bg-2018-208-AC2-supplement.zip>

Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2018-208>, 2018.

C2