

Interactive comment

Interactive comment on "Ideas and perspectives: Biogeochemistry – Its Future Role in Interdisciplinary Frontiers" by Thomas S. Bianchi et al.

Thomas S. Bianchi et al.

tbianchi@ufl.edu

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Bianchi et al.: Response to Reviewers: We appreciate the suggestions from both reviewers and outline here a path forward that we believe will improve the paper. In particular, we acknowledge that not all of the issues raised in our paper are novel, and this is not what we had intended. Perhaps the main objectives of this exercise, which we carefully thought about through revisions and discussions, have been misconstrued by our choice of the title of the paper (Biogeochemistry: Its Future Role in Interdisciplinary Frontiers). We would like to change the title to be more reflective of what we consider to be a call to recharge and/or reassess of trends in biogeochemistry that are

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to mention as basis from which to continue building linkages between Earths' history

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So. I have no real criticisms of this piece: I just question its novelty and potential impact

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should become even more integrative than in the past. Rev. 2. 1. "This paper has

an excellent group of authors. However, I agree with the comments of Bill Schlesinger – it's not clear what hasn't already been said many times before. The abstract drives that home. What is really new in this paper?" See our aforementioned response to Reviewer 1 on this issue of novelty. 2. "So what might be a way forward? One suggestion is to develop a list of what are the new insights in this manuscript, and write the text around those instead of trying to cover so many different angles (scales, topics, etc). That said, the paper is well written in that it was very easy to read. I just didn't come away with new insights." We plan to make sure our points are more clearly listed. The reviewer, however, thinks the issues we discuss are valid and significant. We plan to revise the paper to enhance clarity by a change in the title and a more specific listing of our major topics. Overall, our view is the perspective we offer provides value for the biogeochemistry community through organizing and assessing key areas for progress. We intend that our essay stimulates assessment. We advocate for advances in areas we currently recognize, and we anticipate that via discussion and debate differing perspectives held by others will emerge to drive the field forward.

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