

Interactive comment on “A comprehensive biogeochemical record and annual flux estimates for the Sabaki River (Kenya)” by Trent R. Marwick et al.

Anonymous Referee #2

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This is a well-structured and clearly written paper presenting a 2-year record of biogeochemical data from a drainage basin in Kenya. The paper is more constrained than the title suggests but the authors provide a full description of the trends observed and place this in the context of other studies. Given the focus of the paper, I feel that in its present form it is overlong, and would benefit from a more selective use of the literature: the introduction could be halved in length, with more emphasis on areas of novelty addressed by the paper, and providing clear aims / objectives. This is also scope to reduce the Discussion in length, but this should include a clearer statement of the significance of the work for readers. Overall I think the study is appropriate for publication in this journal, although in a revised paper, the authors might want to con-

C1

sider:

- Providing more detail on sampling protocols, processing and the timing of laboratory analyses;
- Considering wider temporal trends (i.e. how representative are the two years of study);
- Justifying the sampling location point – in the context of a large and heterogeneous catchment;
- Reducing the number of studies cited – which seems excessive, given that the stated aim of the paper is ‘to present a 2-year biogeochemical record’.

Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2017-296, 2017>.

C2