

If feasible, please make your dataset available through a public database and provide a DOI in the "Code and data availability" section of your manuscript. Please see our data policy: https://www.biogeosciences.net/policies/data_policy.html

The measurement data is owned by the co-authors and will be published separately on their forums in the context of an article related to the measurement data. Therefore we are unable to publish it in this context.

Please check figures that use both green and red/orange to see if they allow readers with color vision deficiencies to correctly interpret your findings. For more instructions please see: <https://www.biogeosciences.net/submission.html#figurestable>

We have rechecked the figures using online color blind tools, and as far as we can see, these figures should be readable in their current format.