

Interactive comment on “Modelling Silicate – Nitrate - Ammonium co-limitation of algal growth and the importance of bacterial remineralisation based on an experimental Arctic coastal spring bloom culture study” by Tobias R. Vonnahme et al.

Tobias R. Vonnahme et al.

tobias.vonnahme@uit.no

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We want to thank the reviewer sincerely for the positive and very helpful review and addressed the points raised as described in the attached document. We believe that especially the more thorough consideration of the biofilm, including modelling exercises, the consideration of the model by Flynn et al. (2018), and the discussion of urea will improve the manuscript considerably. In the attached document, the comments by referee #3 are marked in grey and our responses in black.

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Please also note the supplement to this comment:

<https://bg.copernicus.org/preprints/bg-2020-314/bg-2020-314-AC3-supplement.pdf>

Interactive comment on Biogeosciences Discuss., <https://doi.org/10.5194/bg-2020-314>, 2020.

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