

Interactive comment on “Influence of hydrological fluxes on bio-geochemical processes in a peatland” by N. Bougon et al.

Anonymous Referee #3

Received and published: 8 June 2009

Bougon and colleagues presents an experiment research focused on influence of hydrological conditions on nitrate and sulphate fate in peatlands. The topic is appropriate for Biogeosciences journal, however I strongly believe that the manuscript need a thoughtful major revision. Below I provided in detail a list of recommendations but my main comments gravitate around two main aspects: 1) A deep coupling between field data and results from batch experiments; 2) A more exhaustive and convincing explanation of the link between nitrate removal and microbial diversity.

See my attached file for my detailed comments.

Please also note the Supplement to this comment.

C624

Interactive comment on Biogeosciences Discuss., 6, 4829, 2009.