

Interactive comment on “Riverine transport of biogenic elements to the Baltic Sea – past and possible future perspectives” by C. Humborg et al.

C. Humborg et al.

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Dear Agnes Ducharne,

We have now revised the manuscript “Riverine transports of biogenic elements to the Baltic Sea - past and possible future perspectives” by addressing all points raised by the referees and your comments. We have now addressed in more detail the driving factors and related time frames for N, P and Si on the one hand and C on the other hand; a possible effect of climate change on N and P fluxes is also discussed, though climate change is not the main issue of the scenarios given. Much more emphasis has been given to explain the CSIM model and its performance to simulate hydrology, N and P fluxes.

Herewith, I kindly ask you to consider the attached manuscript for publication in the

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Interactive Discussion

Discussion Paper

HESS special issue “Man and river systems”.

Sincerely,

Christoph Humborg

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 4, 1095, 2007.

HESSD

4, S901–S902, 2007

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