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## **HESSD**

3, S355-S355, 2006

Interactive Comment

## Interactive comment on "Effects of watershed and riparian zone characteristics on nutrientconcentrations in the River Scheldt Basin" by J. Meynendonckx et al.

## A. Reeves (Editor)

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The manuscript needs much greater explanation of the methods. It was hard to decide if the authors used some type of sampling design involving a gradient. As such, I am concerned about the number of different biophysical settings that were included in the study ... e.g., not enough of a gradient. Without a good gradient (disturbed to natural) and well thought out sampling design it's hard to know how representative the work is. The results may therefore be compromised by spatial autocorrelation (e.g., pseudoreplication).

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Interactive Discussion

Discussion Paper

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 3, 653, 2006.

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**FGU**