

Interactive comment on “Pattern, process, and function in landscape ecology and catchment hydrology – how can quantitative landscape ecology support predictions in ungauged basins (PUB)?” by B. Schröder

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Many thanks for the comments, I agree with reviewer 3 that the examples given in Section 3 so far are quite specific and do not explicitly show direct or indirect feedbacks but "one-way exchange of information". Therefore, this section will be rewritten especially with focus on two different points already mentioned by the other two reviewers:

i) a shift from pattern analysis and statistical models to process-based models with focus on integrated process-based models. This kind of models will be reviewed focusing on ecohydrological research in semi-arid landscapes as suggested by the second reviewer. Examples from related studies will emphasize

ii) feedbacks between hydrological and ecological processes.

HESSD

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