

***Interactive comment on “Groundwater
ecohydrology: GIScience tools to forecast change
and sustainability of global ecosystems, studies
in Africa, Europe and North America” by
D. R. Steward et al.***

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The authors appreciate the kind comments from reviewer #1. We also acknowledge that the first sentence of this review captures the essence of this paper, and are rewriting the first sentence in the abstract to mirror this, as follows.

“This study examines the interface between groundwater hydrology and ecology, and addresses the problem of how to incorporate ecohydrological information into hydro-

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logical models.”

We appreciate that reviewer #1 considers the framework put forth in this manuscript, “innovative” and that we “clearly describe and make plausible how the proposed methodology can lead to the prediction of the influence of groundwater management measures on ecosystems.” It is our hope that this methodology will provide a framework for extension to other case studies and ecohydrological problems, and that this will become a well referenced paper.

We also acknowledge reviewer #1’s appreciation for the “extensively investigated” and “well documented” case studies. Special care was taken in development of this manuscript to reference the current state of knowledge.

We appreciate the additional reference, and will add it to the final version of the manuscript.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 6, 2795, 2009.

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