



## ***Interactive comment on “Computer-supported games and role plays in teaching water management” by A. Y. Hoekstra***

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I would like to thank the referee for her detailed comments. I have gone carefully through the comments, point by point. All points are specific and very clearly formulated suggestions to improve the text. I will include all improvements as suggested.

The reviewer notes that the discussion/conclusion section is rather brief and could include more reflection on the experiences with the game. I will expand the section in this direction, but also include some references to other literature on the effectiveness of roleplays (in line with what was pointed out by reviewer #2). In my experience, it's the active engagement of the students in the games/roleplays that makes them internalise lessons better than they usually do in a class setting, which is also observed by

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scholars who have studied this in more detail (Kriz, 2003; Moizer et al, 2009; Struyven et al, 2011).

The reviewer suggests to include a section describing feed-back from previous students that have taken the role-play(s) and then applied the skills/knowledge in real-life situations. This is, unfortunately, not possible, since I did not trace the students that played the game and roleplay in order to do interviews or so to check the extent to which they applied the knowledge from the games in real-life conditions.

References Kriz, W.C.: Creating effective learning environments and learning organizations through gaming simulation design, *Simulation and Gaming*, 34(4), 495-511, 2003. Moizer, J. Lean, J., Towler, M. and Abbey, C.: Simulations and games : Overcoming the barriers to their use in higher education, *Active Learning in Higher Education*, 10(3), 207-224, 2009. Struyven, K., Dochy, F. and Janssens, S.: Explaining students' appraisal of lectures and student-activating teaching: perceived context and student characteristics, *Interactive Learning Environments*, doi:10.1080/10494820.2010.500084, 2011.

Response to comments by Jan Seibert (EC C1929)

Sure, I will use the constructive suggestions by the reviewers to produce an improved revised manuscript.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 9, 1859, 2012.

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