

Interactive comment on “Natural vs. artificial groundwater recharge, quantification through inverse modeling” by H. Hashemi et al.

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The reviewers have provided thoughtful and constructive criticisms and the authors have responded in kind. I encourage you to include the essence of your responses in your revision. In particular, point out some of the possible limitations to recharge due to siltation and the uncertainty due to a lack of vadose zone information. On the latter, you may want to make particular reference to some of the work of Dahan et al. (e.g 2003, Flexible Time Domain Reflectometry Probe for Deep Vadose Zone Monitoring, Vadose Zone Journal and 2009, In Situ Monitoring of Water Percolation and Solute Transport Using a Vadose Zone Monitoring System, Vadose Zone Journal). Although it is beyond the scope of your work to conduct such research, I think it is appropriate to point to this

technology, which could be highly valuable to siting and assessing recharge basins.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 9, 9767, 2012.

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