

## ***Interactive comment on “Low-cost multi-stage filtration enhanced by coagulation-flocculation in upflow gravel filtration” by L. D. Sánchez et al.***

**Anonymous Referee #1**

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The article is well written and the topic is interesting. The performance of the Jar –test experiments is not well written and also the discussion is poor. Fig. 3 and Table 6 are confusing. Figure 3 is not well entitled therefore it is confusing, and further, how were the Jar-test experiments performed? It is unclear from the text: how were water samples prepared with the certain turbidity, were these model samples? What does it mean “Optimal” (regarding dose, coagulation time, slow mixing gradient and time) in the Table 6? It is not clear from the text. Section 3.2 must be improved. Also a section “Jar test performance” is desired. The sentence is not clear: “The CF-UGF stage represented only 7% of the total construction 9 costs, and the pre-treatment by CF-UGF and UGF represented 35% of the total costs.” Consequently, the cost per capita should be higher! My concern is section “references”: out of 42 references only 6 are cited which were written after the year 2000. The reader could have an impression that

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the topic is obsolete, therefore, I would suggest the improvement of the reference list

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Interactive comment on Drink. Water Eng. Sci. Discuss., 5, 291, 2012.