

Interactive comment on “Relating trends in streamflow to anthropogenic influences: a case study of Himayat Sagar catchment, India” by R. Nune et al.

K. Dikgola (Referee)

kobzaus@yahoo.com

Received and published: 21 October 2012

As general comments on the manuscript, the following suggestions are made, 1. It is suggested that some restructuring of the abstract should be considered to be more specific with the general findings of the work 2. Restructure the introduction to have flow to the reader 3. Editing of the whole document to improve grammar and sentence construction to create flow to the reader 4. Better have figures and tables immediately where they are mentioned rather than at the end of the document, to allow better contextual communication by the reader

C4925

SPECIFIC COMMENTS 1. A relationship is not clearly established between the decreasing trend and the anthropogenic activities - It is clear that the streamflow trends are not associated to rainfall as it does not show any trends, how has the individual anthropogenic activities at their different change years, contributed to decrease in streamflow - Assuming the streamflow is at the pristine state of the catchment how has the anthropogenic activities, sequentially as they happened or took place, caused a decrease in streamflow up to the present.

2. May it should be considered to indicate in the water balance, the most dominant hydrological component contributing to streamflow reduction at different times, and make a relation to the anthropogenic activities 3. It is not clear of why the processes or components considered in the water balance and how they relate to the anthropogenic activities

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 9, 9295, 2012.

C4926