

## ***Interactive comment on “Trends in timing and magnitude of flow in the Upper Indus Basin” by M. Sharif et al.***

**M. Sharif et al.**

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We appreciate the positive comment by the referee and the detailed points of clarification. We plan to incorporate changes in line with most of the recommendations provided and will respond to the points individually to the Editor when the formal referees' comments are received. However, we respond here only to the more substantive points raised.

Comment (5) p.9935, l.24-25: Please clearly state the objectives of the paper at the end of the introduction. What are the research hypotheses you want to test? Response: We accept that the objectives need to be stated more clearly than at present in p 9933 l 24 et seq. We will reword and rearrange this paragraph. We then propose to  
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introduce a new subsection to the Introduction as 'Insights from global runoff trends' for the remaining paragraphs of the Introduction.

Comment (7) p.9936, l.13 – p.9937, l.5 and p.9938, l.3-8: in addition to these paragraphs of explanation a map indicating the location of different predominant regimes would be helpful. Response: The boundaries are bound to be approximate as larger catchments in one Regime will contain sub-catchments in a different regime. That is why we use the term 'predominant'. However, we will add or amend a map to show the approximate boundary of regimes but have not yet decided the best method of display.

Comment (10) p.9938, l.14-19, P.9939, l.4-6 and Table 1: one formal thing that needs to be clarified is WHY are no flow records available after the late 1990s? Response: As you note, environmental data for this area are politically sensitive and are not made readily available (from both sides of the control line) although measurements continue to be made. Pakistani researchers may more readily persuade authorities to make data available and it will ultimately be preferable if they can update the research. In this regard, Newcastle University has provided programs of training and capacity building for local academic and operational staff.

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