

Interactive comment on “Climate change and mountain water resources: overview and recommendations for research, management and politics” by D. Viviroli et al.

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This comment completes our first reply to review #3 from 14 Sept 2010 [1]. The detailed reply to all issues raised by reviewer #3 is provided as a supplement to this comment.

We appreciate the time and effort that reviewer #3 invested in providing an in-depth review and acknowledge the manifold suggestions provided. Our detailed reply (treating more than 170 items in total, see supplement) and the changes to the manuscript should prove our motivation to consider the issues raised by reviewer #3 and improve our paper where due.

As noted in our first reply [1], however, we believe that this reviewer's expectations are excessive and that quite a few comments are unreasonably open-ended and incisive. Many of the issues mentioned in the review may be of importance at the local scale (e.g. permafrost thaw, influence of artificial lakes on local climate), and we do not deny that they might have an impact on future water resources, but it is neither possible to cover 'everything', nor is it the scope of an overview article. Instead, we believe that it is of paramount importance to identify priorities, as we attempt to do. A comparative overview that considers in detail local-scale issues is neither attainable nor useful.

[1]<http://www.hydrol-earth-syst-sci-discuss.net/7/C2306/2010/hessd-7-C2306-2010.pdf>

Please also note the supplement to this comment:

<http://www.hydrol-earth-syst-sci-discuss.net/7/C4687/2011/hessd-7-C4687-2011-supplement.pdf>

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