Hydrol. Earth Syst. Sci. Discuss., 10, C7929–C7930, 2014 www.hydrol-earth-syst-sci-discuss.net/10/C7929/2014/

© Author(s) 2014. This work is distributed under the Creative Commons Attribute 3.0 License.



**HESSD** 

10, C7929-C7930, 2014

Interactive Comment

## Interactive comment on "Early 21st century climatology of snow cover for the western river basins of the Indus River System" by S. Hasson et al.

## S. Hasson et al.

shabeh.hasson@zmaw.de

Received and published: 17 February 2014

We thank our referee # 3 for his detailed review and invaluable comments, which will improve our manuscript. We also thank the referee for considering our study topic very important for the study area and the applied cloud filtering procedure effective. Major shortcomings pointed out by our referee are to: 1) address novelty of the study, particularly against Gurung et al., 2011, 2) validate the cloud correction procedure, 3) discuss in detail NAO correlation with snow cover, citing relevant literature, 4) assess the significance of SLA trends and to write concisely. We mostly agree with the referee # 3 and our detailed response to the comments is given in the attached supplement.

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper



Please also note the supplement to this comment: http://www.hydrol-earth-syst-sci-discuss.net/10/C7929/2014/hessd-10-C7929-2014-supplement.pdf

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 10, 13145, 2013.

## **HESSD**

10, C7929-C7930, 2014

Interactive Comment

Full Screen / Esc

Printer-friendly Version

Interactive Discussion

Discussion Paper

