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Hydrology and Earth System Sciences Discussions

Interactive comment on "Simulation of snow distribution and melt under cloudy conditions in an alpine watershed" *by* H.-Y. Li and J. Wang

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Dear Prof.Li, thanks for your kind suggestion. The paper (Wang et al. 2010) concerned mainly on the frozen soil which has a strong influence on the hydrological processes. Our paper discussed the snowmelt processes more. The frozen soil parameterization is very important for cold region hydrology study. Next we want to discriminate the contributions of snowmelt and frozen soil thawing to discharge. This further study can be benefited from the job by Wang et al.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 7, 3189, 2010.