Hydrol. Earth Syst. Sci. Discuss., 11, C547–C548, 2014 www.hydrol-earth-syst-sci-discuss.net/11/C547/2014/

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11, C547-C548, 2014

Interactive Comment

Interactive comment on "Diagnostic calibration of a hydrological model in an alpine area" by Z. He et al.

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The reviewer Massimiliano Zappa makes a very important comment concerning the terminology used in this paper. I fully agree that a distinction between "runoff process types" and the origine of the water actually causing the occurence of these processes is of prime importance, in particular to avoid any misleading association of one of the water sources (snowmelt, glacier melt, rainfall) with a certain runoff generation process.

This also sheds a new light on the parameter identification process: the parameters can be grouped into the ones that influence the water input generation and the ones that encode the runoff processes. Bettina Schaefli

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Interactive Discussion

Discussion Paper



Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 11, 1253, 2014.

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