

When does a model value become an observation?

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References

Germann U, Galli G, Boscacci M, Bolliger M. 2006. Radar precipitation measurement in a mountainous region. *Q. J. R. Meteorol. Soc.* 132, 1669–1692.

Vidon PG. 2015. Field hydrologists needed: a call for young hydrologists to (re)-focus on field studies. *Hydrol. Process.*, doi: [10.1002/hyp.10614](https://doi.org/10.1002/hyp.10614).

@FPappenberger and Beven KJ. 2006. Ignorance is bliss: Or seven reasons not to use uncertainty analysis, *Water Resour. Res.*, 42, W05302, doi:[10.1029/2005WR004820](https://doi.org/10.1029/2005WR004820).

Raymond Pralong M, Turowski JM, Rickenmann D, @Hydrology_WSL. 2015. Climate change impacts on bedload transport in alpine drainage basins with hydropower exploitation. *Earth Surf. Process. Landforms*, 40: 1587–1599. doi: [10.1002/esp.3737](https://doi.org/10.1002/esp.3737).

Junker J, Heimann FUM, Hauer C, Turowski JM, Rickenmann D, @Hydrology_WSL, Peter A. 2015. Erratum to: Assessing the impact of climate change on brown trout (*Salmo trutta fario*) recruitment, *Hydrobiologia*, 751:1–21. DOI [10.1007/s10750-015-2223-3](https://doi.org/10.1007/s10750-015-2223-3)

Liechti K, @Hydrology_WSL, Fundel F, Germann U. 2013. Probabilistic evaluation of ensemble discharge nowcasts in two nested Alpine basins prone to flash floods. *Hydrological processes*. 27: 5-17. doi:[/10.1002/hyp.9458](https://doi.org/10.1002/hyp.9458)

Germann U, Berenguer M, Sempere-Torres D, @Hydrology_WSL. 2009. REAL - Ensemble radar precipitation for hydrology in a mountainous region. *Quarterly Journal of the Royal Meteorological Society*. 135: 445–456. doi:[/10.1002/qj.375](https://doi.org/10.1002/qj.375)