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HESSD 10, C2711–C2712, 2013

> Interactive Comment

Interactive comment on "Forecasters priorities for improving probabilistic flood forecasts" *by* F. Wetterhall et al.

M. Zappa (Referee)

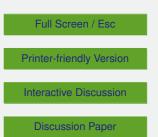
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First of all, it is fabulous to follow this discussion ... I always hear diffent opinions on the value of open discussions, and, to be honest, there are maybe one to two papers per year that are really DISCUSSED. But exactly this few papers demonstrate the power of such a tool, where peers can come out from their anonymous duty of reviewers and make immediate contribution to develping ideas.

My two additions at this point are:

a) BAMS published today an early view article by Demargne et al., which should be "assimilated" by the authors.





The Science of NOAA's Operational Hydrologic Ensemble Forecast Service by: Julie Demargne, Limin Wu, Satish Regonda, James Brown, Haksu Lee, Minxue He, Dong-Jun Seo, Robert Hartman, Henry D. Herr, Mark Fresch, John Schaake, Yuejian Zhu

Link: http://journals.ametsoc.org/doi/abs/10.1175/BAMS-D-12-00081.1

b) The issue of skill. In my recent dialog with end-users the most important measure of skill to be maximised (or introduced) is a non-quantifiable metric, which in German is called "Bauchgefuehl" ("gut intuition"). This means, that somebody when taking a decision can trust his intuition obtained by merging personal experience from the past, current knowledge on an event approaching and indications of the predicitions system available to support his work. If end-users are accordingly trained get a better "Bauchgefuehl" when interpreting probabilistic forecasts, as when looking at deterministic predictions, then the developers are on the right path.

Kind regards to all the partecipants to the discussion!

Massimiliano Zappa

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 10, 2215, 2013.

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Interactive Comment

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