

## ***Interactive comment on “HESS Opinions “Classification of hydrological models for flood management”” by E. J. Plate***

**E. Plate**

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Montanari I thank you for your comment, and I appreciate your drawing my attention to the references which you cited. In fact, I had debated if I should extend the paper to include references to flood forecasting (and early warning). The paper was my Darcy medal lecture in 2005, and thus is a few years old. I have written a paper on early warning just last year which was published in the Journal of Hydro-environment Research in 2007, in which I had listed possible flood forecasting models, which naturally included stochastic (ensemble-) forecasting. When I decided to submit the present paper for publication I decided against expanding on the topic again. The Mekong paper incidentally includes some references by the authors that you listed, and you may

also be interested to know that we are in the process of developing a data based flood forecasting model, whose purpose it is to give probabilistic forecasts up to five days ahead of time for the middle reaches of the Mekong. However, I see that the paper is lopsided if the issue of ensemble forecasting is not covered, and since the paper is titled: "Classification of hydrological models for flood management" I shall include a short paragraph on this aspect also.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 6, 4671, 2009.

**HESSD**

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