

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

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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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