

Interactive comment on “Classification of hydro-meteorological conditions and multiple artificial neural networks for streamflow forecasting” by E. Toth

E. Zehe (Editor)

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Dear Dr. Toth,

I see that the presented work could in principle make a very valuable methodological contribution to the problem of rainfall runoff forecasting. However, I agree especially with reviewer Uwe Ehret that it is necessary to better work out the difference of the presented ANN approach to the use of a simple rainfall runoff model and that the use of a uniform rainfall input at that scale is definitely not appropriate (for instance the operational flood forecasting centers in Germany use distributed rainfall data during the automated model calibration phase and of course distributed data from weather

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forecasts during the flood forecasts).

The revised manuscript should thoroughly address these issues and the issues raised by reviewer 2, which are to a large extent consistent with the issues raised by Ehret. You should be precise about the modelling purpose, better work out the difference to the study reviewed by Kalteh. Please assure proof reading of the revised manuscript by a native speaker.

Look forward to the revised manuscript.

Best Regards,

Erwin Zehe

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6, C151–C152, 2009

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