**Hydrology and
Earth System
Sciences
Discussions**

Interactive comment on "Dynamic neural networks for real-time water level predictions of sewerage systems – covering gauged and ungauged sites" *by* Y.-M. Chiang et al.

Anonymous Referee #1

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Authors introduces AI technology of neural network into flood prediction. Although reccurent type system is not updated, the application possibility can be discussed with readers. As total research flow is very understandable, this paper will become useful in hydrology and water resources. Frankly speaking, the optimization for network must be introduced and other methodologies of GA, GP and PSO should be compared for their possibility.

Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 7, 2317, 2010.