Hydrology and Earth System Sciences Discussions

Interactive
Comment

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 #2

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1. Indeed, ANN is a powerful tool for data processing. In this paper, the authors use rainfall and water level information as input variables of an ANN. I am curious as to why ANN is applicable to man-made data such as the sewerage water level mentioned in this paper. As known, the water level in sewerage systems varies, dependent upon the operation of pumping stations.

2. I am confused about the difference between validation phase and testing phase shown in Fig.6. I thought both phases could be the same.

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

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Discussion Paper