

## ***Interactive comment on “Dynamic versus static neural network model for rainfall forecasting at Klang River Basin, Malaysia” by A. El-Shafie et al.***

**Anonymous Referee #2**

Received and published: 12 September 2011

The paper objective sounds interesting: it promises to evaluate the use of Artificial Neural Networks (ANN) for assessing water quality. There are very few applications concerning ANN in aquatic studies and therefore the applicability of ANN in assessing environmental quality is not known as yet. The subject addressed is within the scope of the journal. However, the manuscript, in its present form, should be improved in the light of the following comments in order to be more suitable for the readers. Addressing the following comments/modifications could be satisfactory in order to justify recommendation for publication.

Major comments: Although the authors examine the proposed model with the real data, however, the data is not recent. It would be significant to evaluate the model with real

C3980

recent data.

Minor comments: 1-It is highly recommended to enhance the introduction section by introducing citing several researches for Artificial Intelligence application for environmental and / or other fields

2-There are a few formatting issues that would improve clarity, which mainly involve figure font sizes.

3-There are a few typos in the text that the authors should address.

4-In the conclusion section, the limitations of this study, suggested improvements of this work and future directions should be highlighted.

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Interactive comment on Hydrol. Earth Syst. Sci. Discuss., 8, 6489, 2011.

C3981