Hydrology and Earth System Sciences Discussions

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

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The paper objective sounds interesting: it promises to evaluate the use of Artificial Neural Networks (ANN) for assessing rainfall forecasting. There are very few applications concerning ANN in hydrology 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. The overall assessment is that the manuscript could be accepted with "minor revision". Addressing the following comments/modifications could be satisfactory in order to justify recommendation for publication. Hereafter I am giving my recommended points that

should be considered in the revised version of the manuscript. Comments:

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

âĂć There are a few formatting issues that would improve clarity.

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

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

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