Review of: "Flood Prediction Using Artificial Neural Networks: A Case Study in Temerloh, Pahang"

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Potential competing interests: No potential competing interests to declare.

This study develops a model to predict floods using neural networks. It is an important research topic that contributes to minimizing disaster damage.

I suggest the following modifications for publication.

1. What is "delayed area analysis," as described by the author in the literature review? It is the part that explains the characteristics of this research, so a specific explanation is necessary.

2. Please describe the flow shown in Figure 1 in detail. Why is Train 70% and Test 30%, and does changing this ratio change the prediction accuracy? Also, where is the number of data samples indicated?

3. Please indicate the number of samples used for the correlation in Figure 2. Is this based on Train data? Also, please provide a sample for each category. What kind of data is this?

4. Specifics on data processing need to be described. How did the authors categorize flooded and non-flooded areas? How do water levels and weather conditions relate to flooding? Authors should indicate the format of the data.

5. Figure 4 seems accurate, but only 5 out of 215 data points for Flood. The bias of true/false can affect the accuracy. The authors should explain why the observed data are biased in such a way.

6. Figure 6 has no explanation. The authors should explain what the figure illustrates.