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.

Flood prediction is a very interesting subject in order to avoid disasters. I congratulate the author for choosing this subject. Indeed, it is a very sensitive subject which requires a lot of precision. In fact, there are some remarks that need to be taken into consideration in order to improve this manuscript:

- The author did not specify the type of flooding.

- Concerning the indicator values (or flooding factors), in this work, the author used only 4 factors, while in previous works, more factors up to 15 factors were used, knowing that the weighting of the indicator values increases the performance and precision of the model.

- There is a lack of details on the description of the neural network, such as the selected activation function, the nature of the input and output values, and how these values were adapted to the network. The learning method used is supervised or unsupervised, and online or offline.

- The correlation coefficients, how they were calculated, and on what basis they were calculated.

- In the prediction flowchart in Figure 1, the author has planned 70% of the data for training and 30% for testing. This was not shown in this work.

- Is the dashboard shown in Figure 6 made by the author? In addition, there is no coordination between the neural network (prediction model) and the dashboard.

- The neural network was implemented on a circuit to predict flooding or just to have a model to predict flooding in deferred time. Otherwise, it is not an online prediction.

- The author must give more details in the discussion of Figures 3, 4, and 5.

- Review Table 1. There is a gap in the text between successive pages.