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

Kashfia Nowrin Choudhury[1]

1 Tsukuba University of Technology

Potential competing interests: No potential competing interests to declare.

Thank you, author, for your hard work. I find the reading interesting overall. However, I would like to request the authors to consider the following suggestions for further improvement:

It is useful to mention the efficiency of this model rather than that of other similar models and also to clearly mention the unique feature of this study.

I think the authors can explain the reasons for choosing the features (e.g., rainfall, streamflow, water level, and temperature data) for flood prediction, especially the temperature. Please also explain more about how these selected features could contribute to predicting reliable outcomes.

I request to provide more explanation on the following line:

“while the temperature is inversely related to floods with a -0.28 correlation value. A lower temperature has a higher chance of rain and subsequent flooding.”

In future work, the author may suggest which other relevant indicators besides the given features (e.g., rainfall, streamflow, water level, and temperature data) could be added for further development of the dashboard. I wish the authors all the best.