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.

The article uses various meteorological and hydrological data, perhaps to predict the flood and no-flood regions in a catchment (Temerloh). The article has several technical issues. First of all, I could not understand how these findings are going to be translated for water resources management in that region. Another major issue was the writing of the manuscript. It doesn't sound like a research article the way the findings have been expressed. There is a need to check the language also. How the models were trained and optimized, no details have been given. How did they figure out that their model was not overfitting while training (90% accuracy), needs to be cleared. Along with that, there are several other issues, listed below.

1. A lower temperature has a higher chance of rain and subsequent flooding. (Any reasoning?)
2. (Trading Economics, n.d.). (year of the news article)
3. Other than that, elevation plays a vital role as well, according to Al-Areeq et al. (2022). (language issue)
4. One of the developments is a physics-based model that has high effectiveness in simulating possible multiple flood scenarios, but the model requires collecting data over an extended period and its complex prediction technique has led to the method not being preferred by many. (Again, language)
5. What is the weather parameter in the correlation matrix? Even they excluded precipitation separately.