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 contribution addresses the application of AI-based methodologies for hydrological modeling to estimate flood risks, a topic of great interest. It is clear that this is not a new topic, and that it has been the subject of several publications (it would be advisable for the authors of this paper to review them in depth).

As for the article itself, I believe that, although the problem and the methodology to be applied (which should be further developed, although it is understood that it is not its own), are raised, I think it would be essential to provide a detailed description of the available information (and of its quality). The variables are not well documented and explained in terms of their content. What do you mean by water level, flow, etc.? At what position in the basin have these values been recorded? What is the time of concentration of water in the basin? This could explain some correlations that appear in the table shown in the article itself.

On the other hand, the information regarding the concrete results is very poor, forgetting basic aspects for flood analysis such as the height of the water column itself (which can make the difference between life and death).

In short, it is a good idea, but in reality, it is only a mere statistical exercise, with data that do not even have detailed information on their quality and characteristics. I do not consider the real usefulness of this modeling exercise to be relevant.