

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.

Title: Flood Prediction Using Artificial Neural Networks: A Case Study in Temerloh, Pahang

Manuscript ID: TUZ29Y

Manuscript type: Research Article

Journal: Qeios

Decision: Minor revision

General comment

The topic is interesting, and the model selected for flood prediction is state of the art in this century. So, this topic will provide good information for readers.

However, I still have minor comments given below the line – by - line

Specific comments:

Abstract

- The first part of your abstract is not important (lines 1 to 6); this is important for the introduction part.
- Your abstract has to be smart, short, clear, and focused on objectives, methods, and findings.

Introduction

- Incorrect citation; line 4

Literature review

- This portion is not necessary for a research article because the previous related research has already been incorporated in the introduction part.

Methodology

- In Figure 1, please show what happens if the model performance is not achieved or is low.

- The data length of your work is few (2021-2022). So, do you train the ANN with few data? It leads to the wrong conclusion.

Results and Discussion

- What is the reason behind the use of two hidden layers?
- With a single streamflow station and two-year data, how to decide the flood trend in this particular study area?