

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

Asim Iftikhar¹

¹ Institute of Business Management

Potential competing interests: No potential competing interests to declare.

The manuscript titled "Flood Prediction Using Artificial Neural Networks: A Case Study in Temerloh, Pahang" explores the hydrological and meteorological factors that caused the flood in Temerloh and develops a machine-learning model capable of predicting flood occurrence.

Generally speaking, the paper is structured, organized, and very well written; however, the following minor corrections are suggested.

1. At the end of the introduction section, paper sections should be described as given below:

"This paper comprises five (5) sections. The first section covers the introduction of this research study. Related work with respect to research has been explained in Section 2...."

2. Machine learning and the Artificial Neural Network must be explained (in a separate section) with references in your paper.

3. Results should be presented in tables as well in the "Results and Discussion" section. Authors have shown only graphical representations.

4. The grammar of the manuscript should be improved.

5. The following latest research articles will help you out. It will be good to cite them.

A. Iftikhar, M. Alam, R. Ahmed, S. Musa, and M. M. Su'ud, "Risk Prediction by Using Artificial Neural Network in Global Software Development," *Comput. Intell. Neurosci.*, vol. 2021, 2021.

A. Iftikhar, S. Musa, M. Alam, and M. M. Su'ud, "Artificial Intelligence Based Risk Management in Global Software Development: A Proposed Architecture to Reduce Risk by Using Time, Budget and Resources Constraints," *J. Comput. Theor. Nanosci.*, vol. 17, no. 2–3, pp. 878–885, 2020.

A. Iftikhar, S. Musa, M. Alam, M. M. Su'ud, and S. M. Ali, "Application of Soft Computing Techniques in Global Software Development: State-of-the-Art Review," *Int. J. Eng. Technol.*, vol. 7, no. 4.15, pp. 304–310, 2018.

A. Iftikhar et al., "Risk Classification in Global Software Development Using a Machine Learning Approach: A Result Comparison of Support Vector Machine and K-Nearest Neighbor Algorithms," *J. Inf. Technol. Res. JITR*, vol. 15, no. 1, pp.

1–21, 2022.

Iftikhar, A., Ali, S.M., Alam, M., Musa, S., and Su'ud, M.M., 2022. Analysis of risk factors in global software development: a cross-continental study using modified firefly algorithm. *Computational Intelligence and Neuroscience*, 2022.