

Drink. Water Eng. Sci. Discuss., community comment CC8
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Comment on dwes-2021-8

Adnan Sallom

Community comment on "Predicting turbidity and Aluminum in drinking water treatment plants using Hybrid Network (GA- ANN) and GEP" by Ruba Alsaeed et al., Drink. Water Eng. Sci. Discuss., <https://doi.org/10.5194/dwes-2021-8-CC8>, 2021

This paper was well prepared.

The stringth points are:

- There are few articles that studied predicting turbidity and much less for the aluminum prediction.
- Also, using GEP in the field of water treatment plants is very promising.
- Predicting models are very important, especially when they are combined with Early Warning Systems.
- Comparing the results of MLR with ANN was very reliable cause this parameter have nonlinear relations and it is hard to be described using linear ways

However, this paper still needs some further improvements.

1. There is some grammatical and structural errors.
2. The authors did not discuss the limitations of the data set they used.
3. In figure 3 what is the program used to make this figure?
4. figure 7 needs to be more clear.

The article is suitable for publication after some language editing.