

Drink. Water Eng. Sci. Discuss., community comment CC2
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Comment on dwes-2021-8

Salim Heddam

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-CC2>, 2021

In the present work the authors propose and application of data driven approaches for predicting water turbidity and residual aluminum in drinking water treatment plant. The paper is within the scope of the journal, few similar studies can be found in the literature especially regarding the prediction of residual aluminum which is very interesting. However, the paper with the actual form is with low quality and needs to be in depth amended and reorganized before to be ready for publication.

- English is below the required level, and the paper is hard to read and to understand what is really done by the authors. Native English speaker can help in improving the English style of the paper.
- From the abstract to the conclusion, the paper needs to be completely reorganized, structured and presented in a clear manner. The actual form is unacceptable, and the paper is without a clear ideas.
- Poor literature review and missing research gap.
- Theoretical description of the models is out of scope.
- Some information's were provided by the authors and not related to the investigation, i.e., the GRNN model (line 145)???
- Results should be deeply analyzed and discussed.