

# Review of: "Gumbel's Extreme Value Distribution for Flood Frequency Analyses of Timis River"

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**Potential competing interests:** No potential competing interests to declare.

The paper addresses the important topic of flood frequency analysis. The proven technique of Gumbel's distribution is used, for which a 30-year data period is considered. However, the paper lacks study of some crucial points that the authors have to include and modify. Also, only 1 method/technique theoretically implemented to some data sets won't qualify for research publication. Research novelty and work volume are lacking. Please rectify.

1. The abstract is too short and incomplete to convey the novelty of the research and its outcomes.
2. In the introduction part, a literature review is not carried out. The paper lacks the mention of past and present studies carried out on the topic. Hence, no motivation is seen behind this work. Also, research gaps are not highlighted, posing a lack of clarity.
3. Gumbel's output should be compared with other probabilistic and deterministic approaches in order to make the work justified.
4. Thorough statistical parameters should be used in order to prove your records and results viable to be considered.
5. Paper writing techniques - results and discussions should be to the point, with technical points, and in-depth discussion should be carried out.
6. The conclusion needs to be precise, mentioning numerical and statistical outputs.
7. What is the basis of choosing the return period? Is there any formula used or simply chosen randomly, keeping a few increments? Not justified...
8. Increase the bibliography, citing texts suitable to your topic.