

MANUSCRIPT EVALUATION SHEET

All fields are mandatory to be fulfilled by reviewer.

A. Evaluation objects:

1. Is the paper content original?

(YES)

2. Does the paper title represent its content?

(YES)

3. Does the abstract reflect the paper content?

(YES)

4. Do the keywords indicate the scope of the research?

(YES)

5. Is the research methodology or the approach of the problem solving clearly described?

(YES)

6. Do the data presentation and interpretation valid and reasonable?

(YES)

7. Do the use of tables and figures help to clarify the explanation?

(YES)

8. Have the discussion and/or analysis been relevant with the results of the study?

(YES)

9. Are the references used relevant?

(YES)

10. Contribution to science?

(GOOD)

11. Originality?

(GOOD)

12. Systematic?

(VERY GOOD)

13. Language?

(GOOD)

14. Writing accuracy?

(GOOD)

B. Reviewer's decision (PLEASE SELECT)

The paper:

- could be published with minor revision

Do you want your name, as reviewer, released to the author(s)?

(NO)

C. Comment about the paper

(The whole manuscript should be between 5000 -7000 words).

D. Note from the editors

Revision from the Reviewers Comments

Reviewer 1:

- Suggestion title: Geomorphology and Geology Studies Using Digital Elevation Model (DEM) Data In the Watershed Area of Kampar Regency, Riau Province

Answer: Thank you very much for the suggestion, we agreed with the reviewer to change our title into the correct one

- The figure text is not standard, use same font and please make sure the resolution match with the format

Answer: Thank you very much for this correction, we have improved our figure as the reviewer suggestion

- Please put your specific research location (may in a map).

Answer: Thank you very much for this comment, we already put our research location presented in Figure 2.

- I believe your research will be more complete if you put the description of hydrological analysis in methodology chapter.

Answer: Thank you very much for this suggestion, we already described the hydrological analysis in methodology chapter 3.4 as below:

Hydrological analysis includes the calculation of average daily, monthly and yearly rainfall intensity. This analysis was carried out using rainfall intensity data from the Riau BMKG (Meteorology, Climatology and Geophysics Agency) for 5 years starting from 2015 to 2019 in the Kampar Regency area. The rainfall observation stations in the study area are: Bangkinang Station, XIII Koto Kampar Station, Kampar Kiri Station, North Kampar Station, Petapahan Raya Station, Mining Station.

Reviewer 2:

- Please describe your geological subsurface analysis for more clear in a map.

Answer: Thank you very much for this suggestion, we have revised it as:

Subsurface geology was taken at the exact research area in Rumbio Jaya, Kampar Regency, consisting of 8 well points. Drilling depth taken up to 4 meters into the ground (Figure 8)

- Please also put the coordinate information regarding your core data sample.

Answer: Thank you very much for this comment, revised it as the table 4 detail information containing the coordinate information.

- Please show the rainfall data information in a table(s).

Answer: Thank you very much for this suggestion, we have added the rainfall data in the Table 8, Table 9, and Table 10.