

Response by Authors to Reviewer's Remarks/Comments

Determination of Deep Well Using Resistivity Method at the South Amanuban, Timor Tengah Selatan Regency, Indonesia.

Authors: Supandi

The authors have summarized their replies to the Reviewers' comments in this response letter in a two columns format. A revised manuscript is submitted addressing all the comments to Indonesia Journal on Geosciences for possible publication.

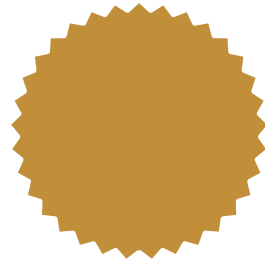
No	<i>Reviewer_1a's Comments</i>	<i>Authors Response</i>
1	Abstract need to improve with re-draf especially on method and variable.	Manuscripts has been re-draf and evaluated by proofreading with native speaker. Certificate is attached.
2	Figure 2 shall be completed with scale, legend and northing.	Figure related map has been corrected especially with add legend, scale, northing orientation and some information
3	Detailing sentence and in line with picture number 3.	Additional explanation related figure 4 & figure 5 has been carried out on page 4.
4	Figure 3 shall be completed with scale, legend and northing.	Improvement quality of figure 3 has been carried out and additional legend has been added also
5	RES2DINV has been mentioned repeatedly on some sentence, please integrated explanation about it.	Some correction has been done based on reviewer feedback.
6	Explanation related research area and paragraph need to improved also.	Has been explained at the manuscript especially no page 7/
7	Figure 6 shall be completed with scale, legend and northing.	Figure 6 has been corrected especially with add legend, scale, northing orientation and some information
8	Res2Dinv software ----→ please integrated about this phrase.	Has been smoothing on the manuscripts
9	“not much different” please improve this grammatical.	This phrase has been removed and changing with smoothing phrase.
10	Figure 7 - 16 shall be completed with legend, information Y axis/number and	Figure 7 – 16 has been improved with add some additional information x dan y axis and also improve quality on image so all text can be clear to read.
11	Quality of figure especially figure 7 -16 shall be improved. Make sure that all information on the picture can be read easily.	Figure 7 – 16 has been improved with add some additional information x dan y axis and also improve quality on image so all text can be clear to read.
12	Quality of figure shall be improved	The figure has been improved
13	The aquifer in the M-N line is not clear and the depth of the aquifer is 80 meters (Figure 16). It has circular shape, 100 meters diameter, and 10 Ω m resistivity value.	Re-draf has been done and grammatical has been better since check by native speaker.

No	<i>Reviewer 2's Comments</i>	<i>Authors Response</i>
1	Please make sure that abstract shall be consist; background, objective, method and variable, analysis and summary. Grammatical should be improved.	Re-draf abstract has been carried out and now abstract is better.
2	Grammatical need to be improved.	Manuscripts has been re-draf and checked by native speaker. Certificate is attached.
3	2D	Has been change with "two-dimensional"
4	All map attribute shall be added such as; map direction, scale and etc	Figure related map has been corrected especially with add legend, scale, northing orientation and some information
5	map attribute shall be added such as; map direction, scale and etc	Figure related map has been corrected especially with add legend, scale, northing orientation and some information
6	The field data processing uses <i>Res2Dinv software....please smoothing this sentence</i>	Has been smoothing using "the data was processing using Res2Dinv software"
7	Giving number for each formula....	Formula has been mentioned at the manuscripts
8	Brief about " <i>real resistivity</i> ", what is mean ?	Real resistivity after processing was carried out to filter some error during data acquisition
9	Name of software ?	Yes, name of software.
10	Figure 7 – 16 a. picture quality needs to be improved, b. Unit on x axis and y axis need to added. c. Legend..? d. Character "A" and "B" shall be close with scale bar (y axis)	Figure 7 – 16 has been improved with add some additional information x dan y axis and also improve quality on image so all text can be clear to read.
11	Paragraf related table 1 on page 14 is need to improved.	Figure 7 – 16 has been improved with add some additional information x dan y axis and also improve quality on image so all text can be clear to read.

The authors appreciate the valuable comments from the Reviewers

Certificate of Proofreading

This document certifies that the manuscript was edited for proper English language, grammar, punctuation, spelling, and overall style by one or more of the highly qualified native English speaking editors at Good Lingua Center of Education (GLCE)



Manuscript Title

Determination of Deep Well Using Resistivity Method at the South Amanuban, Timor Tengah Selatan Regency, Indonesia

Author(s)

Supandi

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August 25, 2020



PT. Internasional Translasi Edukasi, Jakarta

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GUIDELINES FOR REVIEWERS

General:

- Please comment objectively to provide the author(s) with the means to improve their paper. Feel free to make extended comments on separate sheets.
- If a paper repeats previously published work please point this out to the editor.
- Please explain the reasons for your comments on separated sheets, keying your comments to the numbers 1 – 13.
- Some questions below should be answered on a scale of A to D, **where A is the highest rank and D is the lowest.**

Manuscript:

Generally the paper has been meet with standard but minor revision shall be carried before published. Some correction related 1. English shall be improved. 2. Picture accessories shall be competed. 3. Abstract need to be re-draft especially for method 4. Other comments can be seen on manuscript.

- | | | | | |
|------------------|--------------------------------|------------|-----------|--------------|
| 1. Is this topic | A. Suitable for the journal? | yes | no |YES.... |
| | B. Of broad national interest? | yes | no |YES.... |
| | C. Significant? | yes | no |YES.... |

Please explain your answers to item 1A – C briefly.

The result will give significant impact since water at this South Amanuban area often drought during dry season. Exploration groundwater is important to support economic growth on this area also give significant toward broad national interest. Content on the paper is match with IJOG Journal.

2. Clarity of objectives: **A B C D**A.....

3. Quality of methods: **A B C D**A.....

4. Quality of data: **A B C D**A.....

5. Validity of assumptions and analyses: **A B C D**A.....

Objective is already clear but method need to be detailing. Quality data is good and enough for analysis.

- | | | | | |
|------------------|------------------------------|------------|-----------|--------------|
| 6. Is this paper | A. Properly organized? | yes | no |YES.... |
| | B. To the point and concise? | yes | no |YES.... |

C. Written clearly using correct grammar? **yes no**YES....

Please explain your answers to item 6A – C briefly.

Paper has been well organized but grammar shall be deep improved. Please use professional proof reading if required.

7. Are the approach, results and conclusions intelligible from the abstract? **yes no**YES....

8. Is the title informative and a reflection of the content? **yes no**YES....

9. Are the illustrations/tables **A. Useful and all necessary? yes no**YES....
B. Of good quality? yes noYES....

Please explain your answers to item 9A – B briefly.

Table is good and clear.

10. Is the referencing relevant, up to date and accessible? **yes no**YES....

Reference still relevant and accessible.

11. Overall quality of the work: **A B C D**A.....

Generally, Quality of work is good but improvement related grammar and figure need to be carried out.

12. Can you suggest any improvements to the paper or any parts that could be shortened or removed? [use separate sheet of paper if necessary to answer this]

Figure and map shall be improved and grammar is deep to improve. Please use proof reading is required.

13. Reviewer's decision: **A. Minor revision** Accepted with minor revision
B. Moderate revision
C. Major revision
D. Rejected

Paper is recommended to accepted with revision but some revision based on reviewer feedback shall be completed.



GUIDELINES FOR REVIEWERS

General:

- Please comment objectively to provide the author(s) with the means to improve their paper. Feel free to make extended comments on separate sheets.
- If a paper repeats previously published work please point this out to the editor.
- Please explain the reasons for your comments on separated sheets, keying your comments to the numbers 1 – 13.
- Some questions below should be answered on a scale of A to D, **where A is the highest rank and D is the lowest.**

Manuscript:

This paper provided information related exploration geohydrology at South Amanuban, Timor Tengah Selatan regency and this result of this research is very important to support Government Development Program. Result of the research is required since this area is lack of water during dry season. The paper has very good novelty and can published after some considering all comments given, Besides, it suggested that the authors after addressing all the comments in the revised manuscript to send it for proofreading in order to polish all grammatical and type errors existing within this manuscript. Some comment can be found on manuscripts.

- | | | | | |
|------------------|--------------------------------|-----|----|----------|
| 1. Is this topic | A. Suitable for the journal? | yes | no | Yes..... |
| | B. Of broad national interest? | yes | no | Yes..... |
| | C. Significant? | yes | no | Yes..... |

Please explain your answers to item 1A – C briefly.

Although this research using conventional method but result of the analysis required to support development at this South Amanuban, Timor Tengah Selatan regency. Exploration using this method around this area still limited and with this research will give impact toward national interest especially for regency development program. Result of analysis was giving significant impact toward additional information around this area. Objective of the research is also in line with Journal scope.

- | | | | | | |
|---------------------------|---|---|---|---|--------|
| 2. Clarity of objectives: | A | B | C | D | A..... |
| 3. Quality of methods: | A | B | C | D | B..... |
| 4. Quality of data: | A | B | C | D | A..... |

5. Validity of assumptions and analyses: **A B C D B**.....
 Objective is clear to identify groundwater potential at South Amanuban, Timor Tengah Selatan regency using geoelectric method.

6. Is this paper **A. Properly organized? yes no Yes**.....
B. To the point and concise? yes no Yes.....
C. Written clearly using correct grammar? yes no Yes.....

Please explain your answers to item 6A – C briefly.
 Grammatical is not good need to be improved but this paper is well properly organized.

7. Are the approach, results and conclusions intelligible from the **yes no Yes**.....
 abstract?
 Abstract very short but giving clear information. Grammatical need to be improved.

8. Is the title informative and a reflection of the content? **yes no Yes**.....
 Some picture needs to be improved; such as quality, legend, unit and other relevant information.

9. Are the illustrations/tables **A. Useful and all necessary? yes no Yes**.....
B. Of good quality? yes no Yes.....

Please explain your answers to item 9A – B briefly.
 Some picture needs to be improved; such as quality, legend, unit and other relevant information. Additional legend for each map is recommended. Picture need to be improved.

10. Is the referencing relevant, up to date and accessible? **yes no Yes**.....
 Yes, all reference is accessible and din line with this result.

11. Overall quality of the work: **A B C D A**.....

12. Can you suggest any improvements to the paper or any parts that could be shortened or removed? [use separate sheet of paper if necessary to answer this]

Please open the manuscript, some comment has been writing into manuscript.

13. Reviewer's decision: **A. Minor revision A**.....
B. Moderate revision
C. Major revision
D. Rejected