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1 message

Geotechnical and Geological Engineering (GEGE) <m@editorialmanager.com>
Tue, Aug 18, 2020 at 5:01 PM
Reply-To: "Geotechnical and Geological Engineering (GEGE)" <karthick.sankar@springernature.com>
To: Supandi Supandi <supandi@sttnas.ac.id>

The PDF for submission number GEGE-S-20-00919 is ready for viewing.

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Best regards, Springer Journals Editorial Office Geotechnical and Geological Engineering

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GEGE-D-20-00742 - Manuscript Sent Back

1 message

Geotechnical and Geological Engineering (GEGE) <em@editorialmanager.com>

Wed, Aug 19, 2020 at 5:55

PM

Reply-To: "Geotechnical and Geological Engineering (GEGE)" <karthick.sankar@springernature.com> To: Supandi Supandi <supandi@sttnas.ac.id>

Submission ID: GEGE-D-20-00742

Dear Mr Supandi,

Your submission entitled "Engineering Geology Consideration for Low-Wall Stability Analysis in Open-Pit Coal Mine" has been received. Before we can further process it, you are kindly requested to submit the manuscript in single column text.

Please log onto Editorial Manager as an author.

Your username is: supandi@sttnas.ac.id If you forgot your password, you can click the 'Send Login Details' link on the EM Login page at https://www.editorialmanager.com/gege/

Go to the menu item 'Submissions Sent Back to Author', and click on 'Edit Submission'. If no changes are to be made in the metadata, please go to the submission step 'attach files', and upload your corrected submission. Build the PDF, view your submission, and approve the changes.

Thank you for submitting your work to this journal.

With kind regards, Karthick Sankar Springer Journals Editorial Office Geotechnical and Geological Engineering

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GEGE-D-20-00742 - Submission Confirmation

1 message

Geotechnical and Geological Engineering (GEGE) <em@editorialmanager.com>

Tue, Aug 18, 2020 at 5:03

PM

Reply-To: "Geotechnical and Geological Engineering (GEGE)" <karthick.sankar@springernature.com> To: Supandi Supandi <supandi@sttnas.ac.id>

Dear Mr Supandi,

Thank you for submitting your manuscript, Engineering Geology Consideration for Low-Wall Stability Analysis in Open-Pit Coal Mine, to Geotechnical and Geological Engineering.

The submission id is: GEGE-D-20-00742

Please refer to this number in any future correspondence.

During the review process, you can keep track of the status of your manuscript by accessing the Editorial Manager Website.

Your username is: supandi@sttnas.ac.id
If you forgot your password, you can click the 'Send Login Details' link on the EM Login page at https://www.editorialmanager.com/gege/

Should you require any further assistance please feel free to e-mail the Editorial Office by clicking on "Contact Us" in the menu bar at the top of the screen.

With kind regards, Springer Journals Editorial Office Geotechnical and Geological Engineering

Now that your article will undergo the editorial and peer review process, it is the right time to think about publishing your article as open access. With open access your article will become freely available to anyone worldwide and you will easily comply with open access mandates. Springer's open access offering for this journal is called Open Choice (find more information on www.springer.com/openchoice). Once your article is accepted, you will be offered the option to publish through open access. So you might want to talk to your institution and funder now to see how payment could be organized; for an overview of available open access funding please go to www.springer.com/oafunding. Although for now you don't have to do anything, we would like to let you know about your upcoming options.

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1 message

Geotechnical and Geological Engineering (GEGE) <em@editorialmanager.com>

Wed, Aug 19, 2020 at 11:59

PM

Reply-To: "Geotechnical and Geological Engineering (GEGE)" <karthick.sankar@springernature.com> To: Supandi Supandi <supandi@sttnas.ac.id>

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Wed, Aug 19, 2020 at 11:59

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Major Revisions requested - GEGE-D-20-00742

1 message

Geotechnical and Geological Engineering (GEGE) <m@editorialmanager.com>
Sun, Dec 6, 2020 at 12:51 AM
Reply-To: "Geotechnical and Geological Engineering (GEGE)" <karthick.sankar@springernature.com>
To: Supandi Supandi <supandi@sttnas.ac.id>

Dear Mr Supandi,

We have received the reports from our advisors on your manuscript, "Engineering Geology Consideration for Low-Wall Stability Analysis in Open-Pit Coal Mine", which you submitted to Geotechnical and Geological Engineering. The manuscript number is GEGE-D-20-00742

Based on the advice received, I feel that your manuscript could be reconsidered for publication should you be prepared to incorporate major revisions. When preparing your revised manuscript, you are asked to carefully consider the reviewer comments which are attached, and submit a list of responses to the comments.

Submit your response as separate submission item.

PLEASE VISIT THE WEBSITE FOR POSSIBLE REVIEWER ATTACHMENTS

In order to submit your revised manuscript, please access the Editorial Manager Website.

Your username is: supandi@sttnas.ac.id
If you forgot your password, you can click the 'Send Login Details' link on the EM Login page at https://www.editorialmanager.com/gege/

We look forward to receiving your revised manuscript within eight weeks.

With kind regards, Paul Marinos, Ph.D Editor in Chief Geotechnical and Geological Engineering

COMMENTS TO THE AUTHOR:

Reviewer #1: Dear Authors,

I hope you're well

I appreciate your scientific effort to produce this manuscript.

I have some comment to help you improve your paper:

- 1- The abstract should state briefly the purpose of the research, the principal results and major conclusions. An abstract is often presented separately from the article, so it must be able to stand alone.
- 2- The introduction section needs revision. It is not clear what is already known about this topic. More relative, recent literature should be included in this section. Also, look into this section length.
- 3- The major defect of this study is the debate or Argument is not clearly stated in the introduction session. Hence, the contribution is weak in this manuscript. I would suggest the author enhance your theoretical discussion and arrives your debate or argument.
- 4- The necessity and innovation of the article should be presented to the introduction.
- 5- A flowchart should be added to the article to show the research methodology.
- 6- The "Materials and Methods" section needs revision. Add a subsection about the study area considered in this paper, its name, location, country, the soil characteristics, and coordinates.
- 7- It is suggested to replace figure 7 with more accurate and clearer photo.
- 8- The paper language needs revision by an expert.
- 9- It is suggested to compare the results of the present research with some similar studies which is done before.
- 10- The authors should add a discussion to "Results" section to become "Results and Discussion" to explain the paper findings, clarify the novelty of the paper and compare the results with recent studies.
- 11- It is suggested to organize the Conclusion section much better. This section should present in one 250-300 words paragraph and should contain unique results and findings.

- 12- The number of references is Few, as the author has chosen references from excellent sources, and there is the possibility to use them better than it is. However, most references need to be re-written for the following reasons: (please review the file):
- * GEGE style should be used carefully for writing the references.
- * Add the DOI for all references.
- * Many references are not available online.
- * Add the Abbreviation of Journal.
- * Increase the number of references in the manuscript because it is few.
- 13- A good plagiarism rate 5%, but don't let it go above this threshold when you increase the references. Good Luck

Reviewer #2: dear Editor,

The analysis is based on the technical description of the method and the results focus on lowwall analysis. From the overall manuscript I would say that an interesting applied work has been done but I have some suggestion regarding the manuscripts.

- 1. Plagiarism check must be carried out and shall be submitted together with manuscript revision.
- 2. The literature review is not complete. The journal papers relevant to the author's work should be addressed. Introduction can be extended and MORE and NEWEST references should be added.
- 3. The abstract needs to be improved based on the research questions, the methods and the results. The introduction does not provide sufficient background information on the topic. The research questions should be clearly described.
- 4. More research papers on the topic should be also added.
- 5. A better description of the target area is needed. Furthermore, the technical characteristics of investigated area should be clarified, incorporating the geological information. The in pit dumping data need to be better explained.
- 6. The methodology is not clear and should be re-written. Please provide, chart/photos of the studied site and also for the methodologies adopted for better understanding.
- 7. Check this parameter, I would like to say that it's wrong parameter since number modulus elasticity is equal to all material. A further interpretation of the results is needed. The results are not clearly related to the geotechnical analysis. In addition, the results need to be discussed in relation to the parameters of the slope stability analysis.
- 8. The author should clearly mention weaknesses and limitations of the proposed method.

There is additional documentation related to this decision letter. To access the file(s), please click the link below. You may also login to the system and click the 'View Attachments' link in the Action column.

https://www.editorialmanager.com/gege/l.asp?i=233281&I=APUCIR3L

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GEGE-D-20-00742R1-Submission Confirmation

1 message

Dear Mr Supandi,

We acknowledge, with thanks, receipt of the revised version of your manuscript, "Engineering Geology Consideration for Low-Wall Stability Analysis in Open-Pit Coal Mine", submitted to Geotechnical and Geological Engineering

The manuscript number is GEGE-D-20-00742R1.

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Your Submission - GEGE-D-20-00742R1

1 message

Dear Mr Supandi,

We have received the reports from our advisors on your manuscript, "Engineering Geology Consideration for Low-Wall Stability Analysis in Open-Pit Coal Mine", submitted to Geotechnical and Geological Engineering.

The manuscript number is GEGE-D-20-00742R1

Based on the advice received, I have decided that your manuscript can be accepted for publication after you have carried out the corrections as suggested by the reviewer(s).

Attached, please find the reviewers' comments for your perusal.

Please submit your revised manuscript online by using the Editorial Manager system.

Your username is: supandi@sttnas.ac.id

If you forgot your password, you can click the 'Send Login Details' link on the EM Login page at https://www.editorialmanager.com/gege/

Also submit your response to the reviewers' comments online as submission item.

PLEASE VISIT THE WEBSITE FOR POSSIBLE REVIEWER ATTACHMENTS

I am looking forward to receiving your revised manuscript within four weeks time.

With kind regards, Paul Marinos, Ph.D Editor in Chief Geotechnical and Geological Engineering

COMMENTS TO THE AUTHOR:

Reviewer #1: Dear Authors,

I would like to thank you for accomplishing this wonderful work, and for sticking to the adjustments that you have requested, but we need more simple adjustments:

- (1) The structure of the manuscript needs arrangement:
- 2. Materials and Methods
- 2.1.....
- 3. Result & Discussion
- 3.1. Identify the details of slope rock bedding
- 3.2. Identify the weak zone
- 3.3. Describe the bedding dip including weak zone control
- 3.4.
- (2) The study area should be reviewed.

Consider creating a high-resolution map that contains global coordinates for the area.

And add details about the study area.

(3) The manuscript language then suffers from dotting problems, and the focus is on using the British language in writing, not a mixture. It should be presented to a linguist.

Good Luck

Reviewer #2:

This manuscript is well explain some consideration during low-wall analysis especially for coal mining operation.

There is additional documentation related to this decision letter. To access the file(s), please click the link below. You may also login to the system and click the 'View Attachments' link in the Action column.

https://www.editorialmanager.com/gege/l.asp?i=238121&I=YC1NZ3TW

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1 message

Geotechnical and Geological Engineering (GEGE) <m@editorialmanager.com>
Mon, Jan 18, 2021 at 7:47 PM
Reply-To: "Geotechnical and Geological Engineering (GEGE)" priya.gopalakrishnan@springernature.com>
To: Supandi Supandi <supandi@sttnas.ac.id>

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GEGE-D-20-00742R2-Submission Confirmation

1 message

Geotechnical and Geological Engineering (GEGE) <m@editorialmanager.com>
Mon, Jan 18, 2021 at 7:50 PM
Reply-To: "Geotechnical and Geological Engineering (GEGE)" priya.gopalakrishnan@springernature.com>
To: Supandi Supandi <supandi@sttnas.ac.id>

Dear Mr Supandi,

We acknowledge, with thanks, receipt of the revised version of your manuscript, "Engineering Geology Consideration for Low-Wall Stability Analysis in Open-Pit Coal Mine", submitted to Geotechnical and Geological Engineering

The manuscript number is GEGE-D-20-00742R2.

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We will inform you of the Editor's decision as soon as possible.

Best regards, Springer Journals Editorial Office Geotechnical and Geological Engineering

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Your Submission - GEGE-D-20-00742R2 - [EMID:7891fcaf15aadd56]

1 message

Dear Mr Supandi,

We are pleased to inform you that your manuscript, "Engineering Geology Consideration for Low-Wall Stability Analysis in Open-Pit Coal Mine", has been accepted for publication in Geotechnical and Geological Engineering.

You will be contacted by Author Services in due course with a link to complete the grant of rights. Please note that you will receive your proofs after the publishing agreement has been received through our system.

Please remember to quote the manuscript number, GEGE-D-20-00742R2, whenever inquiring about your manuscript.

With best regards,

Paul Marinos, Ph.D

Editor in Chief

Geotechnical and Geological Engineering

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Proofs for your article in Geotechnical and Geological Engineering (1729)

1 message

Spr_corrections1@springer.com < Spr_corrections1@springer.com > To: supandi@sttnas.ac.id

Wed, Feb 17, 2021 at 5:21 AM

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Article Title: Engineering geology consideration for low-wall stability analysis in open-pit

coal mine

DOI: 10.1007/s10706-021-01729-8

GEGE-D-20-00742R2

Dear Author,

We are pleased to inform you that your paper is nearing publication. You can help us facilitate quick and accurate publication by using our e.Proofing system. The system will show you an HTML version of the article that you can correct online. In addition, you can view/download a PDF version for your reference.

As you are reviewing the proofs, please keep in mind the following:

- This is the only set of proofs you will see prior to publication.
- Only errors introduced during production process or that directly compromise the scientific integrity of the paper may be corrected.
- Any changes that contradict journal style will not be made.
- Any changes to scientific content (including figures) will require editorial review and approval.

Please check the author/editor names very carefully to ensure correct spelling, correct sequence of given and family names and that the given and family names have been correctly designated (NB the family name is highlighted in blue).

Please submit your corrections within 2 working days and make sure you fill out your response to any AUTHOR QUERIES raised during typesetting. Without your response to these queries, we will not be able to continue with the processing of your article for Online Publication.

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Response by Authors to Reviewer's Remarks/Comments

ENGINEERING GEOLOGY CONSIDERATION FOR LOW-WALL STABILITY ANALYSIS IN OPEN-PIT COAL MINE

Authors: Supandi

The authors have summarized their replies to the Reviewers' comments in this response letter in a two column format. A revised manuscript is submitted addressing all the comments to the Journal of Open Geoscience for possible publication.

No	for possible publication. Editor's Comments	Authors Response
Reviewer	· #1	•
1	The abstract should state briefly the purpose of the research, the principal results and major conclusions. An abstract is often presented separately from the article, so it must be able to stand alone.	Abstract has been improved by rewriting and completing the background, purpose, variable and material, location, as well as results and discussion.
2	The introduction section needs revision. It is not clear what is already known about this topic. More relative, recent literature should be included in this section. Also, look into this section length.	The introduction has been improved by rewriting the background of this research. Many cases of low-wall stability analysis are carried out using limit equilibrium method with slip surface as normal circular which is not relevant to the real condition in the field. Several references have been mentioned in the manuscript, and the difference between the current and previous research have been described.
3	The major defect of this study is the debate or Argument is not clearly stated in the introduction session. Hence, the contribution is weak in this manuscript. I would suggest the author enhance your theoretical discussion and arrives your debate or argument.	This research describes in detail many factors that must be considered in low-wall stability analysis, while the previous research discussed it partial and not comprehensive. The current research details previous research by incorporating the factors that contribute to low-wall stability. To prove the validity, a numerical analysis was performed with the concept of finite element. Indeed, this research does not discuss the details for the numerical method, how mathematical it is, because this can be a separate research. This research shows all the factors that need attention when conducting analysis on low-wall, therefore, it is hoped that the result of this research can become a guideline for geotechnical engineers in conducting analysis.
4	The necessity and innovation of the article should be presented to the introduction.	It has been stated in the manuscript that all factors mentioned in the manuscript must be considered when performing analysis on low-wall. The analysis method has also been demonstrated using finite element method.
5	A flowchart should be added to the article to show the research methodology.	Flowchart has been added to the manuscript, which explains the analysis process from gathering the data to evaluating the result.
6	The "Materials and Methods" section needs revision. Add a subsection about the study area considered in this paper, its name, location, country, the soil characteristics, and coordinates.	Subsection about study area has been added to the manuscript which contains an explanation of the study area, soil characteristic, and other information.
7	It is suggested to replace figure 7 with more accurate and clearer photo.	The figure has been changed with better picture.

8	The paper language needs revision by an expert.	Language improvement have been made.
9	It is suggested to compare the results of the present research with some similar studies which is done before.	Similar studies, namely Supandi et al. (2019), Ballantyne (2003), Suratha (2007), Supandi and Hidayat (2013), and Sulistijo and Kusumo (2013), have discussed the variables of low-wall stability analysis; however, the discussions are limited to each variable, not comprehensive for all variables related to low-wall stability. The current research has added several factors that can have an impact on low-wall slope stability, such as aquifer type, depressurization, and pit optimization. In this research, the contributing factors to stability of low-wall slope have been discussed in detail and analyzed in a complete numerical analysis up to the pit design of low-wall section which is a novelty in this analysis.
10	The authors should add a discussion to "Results" section to become "Results and Discussion" to explain the paper findings, clarify the novelty of the paper and compare the results with recent studies.	The result section has been combined into one with the result and discussion.
11	It is suggested to organize the Conclusion section much better. This section should present in one 250-300 words paragraph and should contain unique results and findings.	The conclusion has been redrafted by adding sentences without reducing the substance.
12	The number of references is Few, as the author has chosen references from excellent sources, and there is the possibility to use them better than it is. However, most references need to be re-written for the following reasons: (please review the file): * GEGE style should be used carefully for writing the references. * Add the DOI for all references. * Many references are not available online. * Add the Abbreviation of Journal. * Increase the number of references in the manuscript because it is few.	DOI has been added to some references.
13	A good plagiarism rate 5%, but don't let it go above this threshold when you increase the references.	Thanks.
Reviewer #2		
1	Plagiarism check must be carried out and shall be submitted together with manuscript revision.	Plagiarism check has been added.
2	The literature review is not complete. The journal papers relevant to the author's work should be addressed. Introduction can be extended and MORE and NEWEST references should be added	Some recent references have been added, including the explanation of what is new in this research.

3	The abstract needs to be improved based on the research questions, the methods and the results. The introduction does not provide sufficient background information on the topic. The research questions should be clearly described More research papers on the topic	Abstract has been rewritten and improved by taking into account the background, objective, material and method, result and discussion, and conclusion. Some recent references have been added, including the
4	should be also added.	explanation of what is new in this research.
5	A better description of the target area is needed. Furthermore, the technical characteristics of investigated area should be clarified, incorporating the geological information. The in pit dumping data need to be better explained.	Detailed description of the location and the condition of geological characteristics has been added to the study area subsection in the materials and methods.
6	The methodology is not clear and should be re-written. Please provide, chart/photos of the studied site and also for the methodologies adopted for better understanding.	The methodology has been rewritten and also added a flowchart of what should be considered in the low-wall stability analysis.
7	Check this parameter, I would like to say that it's wrong parameter since number modulus elasticity is equal to all material. A further interpretation of the results is needed. The results are not clearly related to the geotechnical analysis. In addition, the results need to be discussed in relation to the parameters of the slope stability analysis.	Thank you for the carefulness in reviewing the parameters. The parameters have been corrected and only in the draft because the analysis has used the correct parameters.
8	The author should clearly mention weaknesses and limitations of the proposed method.	This research can be carried out on sedimentary rock with low mechanical properties. If it has different mechanical properties, then this model can be reviewed again.

The authors appreciate the valuable comments from the reviewers.

Yours sincerely,

Supandi

Institut Teknologi Nasioonal Yogyakarta (ITNY), Indonesia

Tel: +62 811-504-099

Email: supandi@itny.ac.id

Response by Authors to Reviewer's Remarks/Comments

Engineering Geology Consideration for Low-Wall Stability Analysis in Open-Pit Coal Mine

Authors: Supandi

The authors have summarized their replies to the Reviewers' comments in this response letter in a two column format. A revised manuscript is submitted addressing all the comments to the Journal of Geotechnical and Geological Engineering for possible publication.

No	Editor's Comments	Authors Response
Reviewer	r #1	
	I would like to thank you for accomplishing this wonderful work, and for sticking to the adjustments that you have requested, but we need more simple adjustments:	Thank you for the kind words. The adjustments has been done as follows:
1	The structure of the manuscript needs arrangement: 2. Materials and Methods 2.1 3. Result & Discussion 3.1. Identify the details of slope rock bedding 3.2. Identify the weak zone 3.3. Describe the bedding dip including weak zone control 3.4	The structure of the manuscript has been arranged according to the suggestion.
2	The study area should be reviewed. Consider creating a high-resolution map that contains global coordinates for the area. And add details about the study area.	The study area has been reviewed and the details as well as a high-resolution map containing global coordinates have been added.
3	The manuscript language then suffers from dotting problems, and the focus is on using the British language in writing, not a mixture. It should be presented to a linguist.	The language of the manuscript has been focused on using British language. The changes below have been made: Unfavorable to unfavourable Analyze to analyse Behavior to behaviour Modeling to modelling Centimeters centimetres
Reviewer	r #2	
	This manuscript is well explain some consideration during low-wall analysis especially for coal mining operation.	Thank you for the kind words.

The authors appreciate the valuable comments from the reviewers.

Yours sincerely,

Supandi

Institut Teknologi Nasioonal Yogyakarta (ITNY), Indonesia

Tel: +62 811-504-099

Email: supandi@itny.ac.id

History for Manuscript Number: GEGE-D-20-00742 Supandi Supandi (INDONESIA): "Engineering Geology Consideration for Low-Wall Stability Analysis in Open-Pit Coal Mine"

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Correspondence Date △ ₩	Letter △ ♥	Recipient	Revision
21 Jan 2021	Editor Decision - Accept	Supandi Supandi, Ph.D	2
18 Jan 2021	Author Revision	Supandi Supandi, Ph.D	2
18 Jan 2021	AU - PDF Built	Supandi Supandi, Ph.D	2
15 Jan 2021	Editor Decision - Minor Revision	Supandi Supandi, Ph.D	1
23 Dec 2020	Author Revision	Supandi Supandi, Ph.D	1
23 Dec 2020	AU - PDF Built	Supandi Supandi, Ph.D	1
05 Dec 2020	Editor decision - Major Revision	Supandi Supandi, Ph.D	0
19 Aug 2020	AU - PDF Built	Supandi Supandi, Ph.D	0
19 Aug 2020	AU - Return Submission (Customize)	Supandi Supandi, Ph.D	0
18 Aug 2020	AU - Submission Confirmation	Supandi Supandi, Ph.D	0
18 Aug 2020	AU - PDF Built	Supandi Supandi, Ph.D	0

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18 Aug 2020	AU - Submission Confirmation	Supandi Supandi, Ph.D	0
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1/11/23, 6:45 PM View Letter

Date: 21 Jan 2021

To: "Supandi Supandi" supandi@sttnas.ac.id

From: "Geotechnical and Geological Engineering (GEGE)" priya.gopalakrishnan@springernature.com

Subject: Your Submission - GEGE-D-20-00742R2

Dear Mr Supandi,

We are pleased to inform you that your manuscript, "Engineering Geology Consideration for Low-Wall Stability Analysis in Open-Pit Coal Mine", has been accepted for publication in Geotechnical and Geological Engineering.

You will be contacted by Author Services in due course with a link to complete the grant of rights. Please note that you will receive your proofs after the publishing agreement has been received through our system.

Please remember to quote the manuscript number, GEGE-D-20-00742R2, whenever inquiring about your manuscript.

With best regards,

Paul Marinos, Ph.D

Editor in Chief

Geotechnical and Geological Engineering

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If you need more time at any stage of the peer-review process, please do let us know. While our systems will continue to remind you of the original timelines, we aim to be as flexible as possible during the current pandemic.

This letter contains confidential information, is for your own use, and should not be forwarded to third parties.

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^{**}Our flexible approach during the COVID-19 pandemic**