42 of many

j2034: Mr. Muhamad Yusa :International Journal of GEOMATE :4817480691119181590 External Inbox ×

geomate <noreply@jotform.com>
to me

Sat, Nov 21, 2020, 1:07 PM

Dear Mr. Muhamad Yusa,

Thanks. Your Paper ID is j2034 . **Please use this ID for further communication.**

We would get back to you with review results as early as possible.

Best regards.

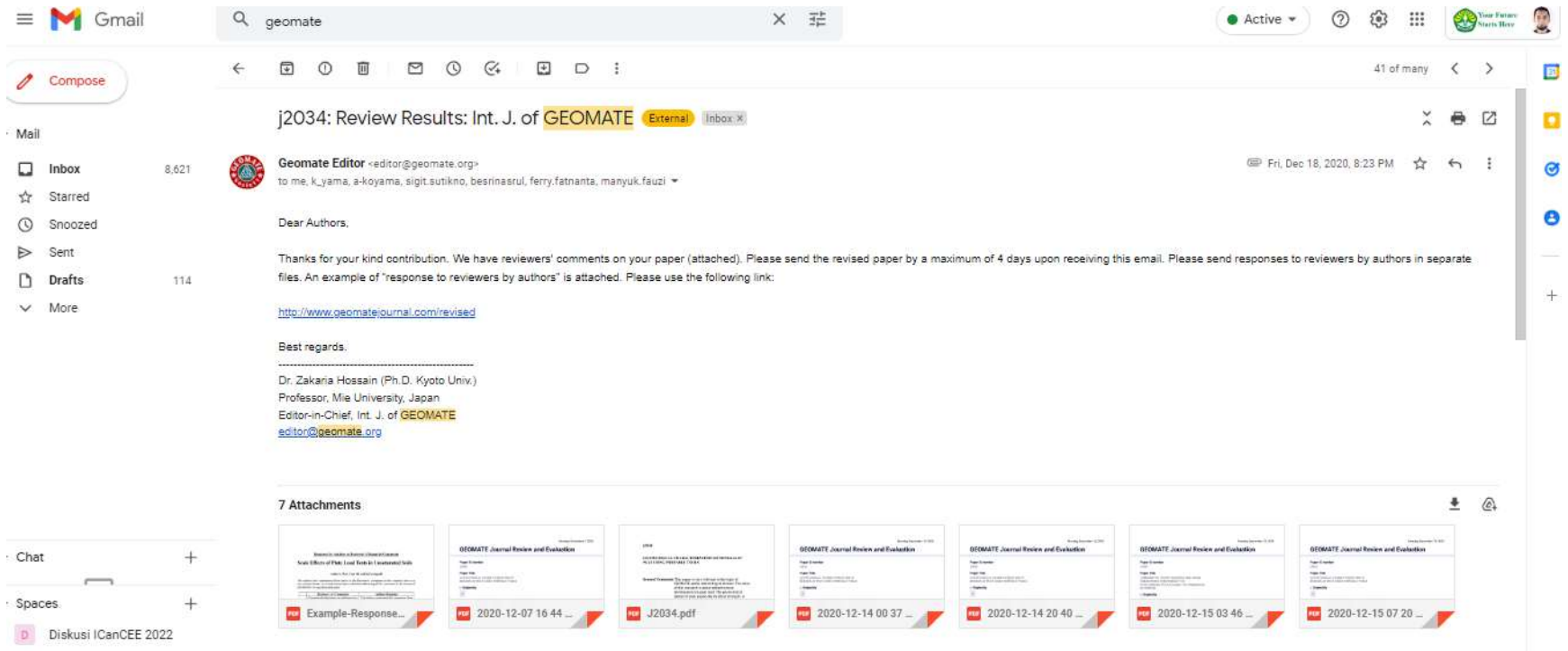
==========
Prof. Dr. Zakaria Hossain (Ph.D. Kyoto University),

Editor-in-Chief, International Journal of GEOMATE
(Geotechnique, Construction Materials and Environment)
Professor, Mie University, Japan

E-mail: editor@geomatejournal.com

j2034 Mr. Muhamad Yusa International Journal of GEOMATE
4817480691119181590

Paper ID Number	j2034
Full Name	Mr. Muhamad Yusa
University/Institute or Company Name	Universitas Riau
Office Address	Street Address: Jl HR subrantas Km 12.5 City: Pekanbaru State / Province: Riau



Muhamad Yusa <m.yusa@eng.unri.ac.id>
to Geomate, Koichi, Atsushi, Sigit, besrinasrul, Ferry, Manyuk

Mon, Dec 21, 2020, 7:20 PM

Dear Editors,
Thank you very much for your response. Apologize for our late reply. Frankly speaking, we just read the email today evening. We are trying to revise the manuscript within the given time but we will be very grateful if we are given more time, say one week (until 28 December). Kindly let us know whether the extension is possible. Again thank you very much in advance

Best regards
Muhamad Yusa

•••

--
Best regards/Wassalam,

Muhamad Yusa

geomate

Active

40 of many

j2034: Additional Review Results-: Int J of GEOMATE

Inbox ×

Geomate Editor <editor@geomate.org>
to me, k_yama, a-koyama, sigit.sutikno, besrinasrul, ferry.fatnanta, manyuk.fauzi

Sun, Dec 27, 2020, 2:31 PM

Dear Authors,

Thanks for your kind contribution. We have reviewers' comments on your paper (attached). Please send the revised paper by maximum of 4 days upon receiving this email. Please send responses to reviewers by authors in separate file. An example of "response to reviewers by authors" is attached. Please use the following link:

http://www.geomatejournal.com/revised

Best regards.

--

Dr. Zakaria Hossain (Ph.D. Kyoto Univ.)

Professor, Mie University, Japan
Editor-in-Chief, Int. J. of GEOMATE
Director, Sci. Eng. & Env. Int. Conf.
General Secretary, GEOMATE Int. Soc.

j2034: Journal Revised paper

External Inbox ×

geomate <noreply@jotform.com>
to me

Mon, Dec 28, 2020, 1:02 PM

Dear Dr. Muhamad Yusa,

Thanks. You have successfully submitted the revised paper. We would take necessary action as early as possible.

Best regards.

Prof. Dr. Zakaria Hossain

j2034: Journal Revised paper

Paper ID number	j2034
Revised Title	GEOTECHNICAL CHARACTERIZATION OF BENGKALIS' PEAT USING PORTABLE TOOLS
Full Name	Dr. Muhamad Yusa
E-mail	m.yusa@eng.unri.ac.id
Co-authors E-mails	k_yama@yamaguchi-u.ac.jp; a-koyama@cc.miyazaki-u.ac.jp; sigit.sutikno@lecturer.unri.ac.id; besrinasrul@lecturer.unri.ac.id; ferry.fatnanta@lecturer.unri.ac.id; manyuk.fauzi@eng.unri.ac.id
Revised Paper (Word)	MY Jurnal Int_GEOMATE 2020 R1.docx
Response to Reviewers	MY Response to reviewer by Author.docx

35 of many

Fwd: Final Page Proof-- Inbox ×

Geomate Editor <editor@geomate.org> Sun, Feb 7, 2021, 5:49 PM

to me, k_yama, a-koyama, sigit.sutikno, besrinasrul, ferry.fatnanta, manyuk.fauzi

Dear Authors,

Attached herewith, please see the page proof paper for final checking. Please note that this is the final correction and after this checking, you will not be able to change anything later on.

Please do not change the format if there is any correction. Please send PDF and WORD versions (Publishable Format including all journal information such as page numbers, vol, issue number, date of received, revised and accepted, etc.) of your page proof paper by 4 days from the date of this email using the following link.
https://www.geomatejournal.com/page

If we do not receive the response within the deadline, then the attached paper will be the final one.

Best regards.

Prof. Dr. Zakaria Hossain
Editor-in-Chief
International Journal of GEOMATE

2 Attachments

GEOMATE Journal Review and Evaluation

Paper ID number

J2034

Paper Title

GEOTECHNICAL CHARACTERIZATION OF BENGKALIS' PEAT USING PORTABLE TOOLS

i. Originality

4

ii. Quality

4

iii. Relevance

4

iv. Presentation

3

v. Recommendation

4

Total (sum of i to v)

19

General comments

This paper is very relevant to the topic of GEOMATE and is interesting to discuss. The issue of this research is about infrastructure development on peat land. The geotechnical nature of peat, especially its shear strength, is cumbersome due to its very fragile and soft. This study is a preliminary study to characterize the geotechnical properties of peat using a very portable and low cost in-situ soil investigation tool namely the hand cone penetrometer (HCP), resistivity, and in particular the soil strength probe (DK). This equipment is relatively new being developed by the Public Works Research Institute (PWRI) of Japan. The study found that fiber content had a moderate positive correlation with penetration resistance. Resistivity has a very

weak correlation with penetration resistance.

Mandatory changes

1. The text in Figure 8-17 is unreadable and should be corrected to provide convenience to the reader.
2. Make sure that each figure and table is mentioned in the body of the writing.

Upload file (if any)

J2034.pdf

Reviewer's E-mail (Remove before sendiing to author)

Friday, December 4, 2020

GEOMATE2020 Melbourne Review & Evaluation

Paper ID	j2034
Paper Title	GEOTECHNICAL CHARACTERIZATION OF BENGKALIS' PEAT USING PORTABLE TOOLS
i. Originality	3
ii. Quality	4
iii. Relevance	4
iv. Presentation	4
v. Recommendation	4
Total (sum of i to v)	19

General comments

This is an interesting field study using hand-held tools for measuring shear strength of a specific type of soil. This is a useful set of field data and interpretations. The English expression is generally good although examples of improvements are provided below.
It is noted that the authors have published related and even similar studies in other places eg:
https://iopscience.iop.org/article/10.1088/1742-6596/1655/1/012042/pdf
That article appears to contain sufficient difference in text and figures that the submitted article can be considered new. The authors are requested to ensure that the work submitted to this journal does not contain text or figures published elsewhere or contains appropriate referencing.

Mandatory changes

Comm1: Abstract: Use metric unit hectares not acres.
Comm2: Abstract: 'Due to economic development infrastructure construction' should be 'Due to economic development, infrastructure construction'
Comm3: Abstract: ' However geotechnical properties determination of peat,' should be ' However, determination of geotechnical properties of peat,'
Comm4: Abstract: Consistently leave a space between numbers and units (no space for % and degrees).
Comm5: p. 1: 'hemic (intermediate) , and sapric' should be 'hemic (intermediate) and sapric'
Comm6: p. 1: ' Indonesia is the second-largest country in the world with peatland following Brazil.' Should be ' Indonesia has the second-largest abundance of peatland after Brazil.'
Comm7: Introduction: 'that can be used effectively and efficiently on peat.'
Comm8: p.1: ' which border directly to Malacca strait.' Should be ' which is located near the Malacca strait.'
Comm9: Fig. 1: scale and north arrow required.
Comm10: p. 2: 'Penetration resistance is then calculated as:'

Comm11: Explain the use of the term ‘doken’ (at least by reference to previous work).
Comm12: The term ‘vane cone’ needs more explanation. The image in Fig. 3 shows a cone with extension rods. It is not clear from the text or image where the vanes are located or the dimensions of the vanes. Is there any indication that fibres in the peat are gathered on the vanes and affect the consistency of readings?

Reviewer's E-mail (Remove before sendiing to author)

Friday, December 25, 2020

GEOMATE Journal Review and Evaluation

Paper ID number

j2034

Paper Title

Geotechnical characterization of Bengkalis' peat using portable tools

i. Originality

3

ii. Quality

4

iii. Relevance

4

iv. Presentation

4

v. Recommendation

4

Total (sum of i to v)

19

General comments

In this paper, the properties of peat are investigated with simplified in situ tools, and the results were compared with those by conventional methods. The reviewer thinks this paper is publishable after minor revisions listed below.

Mandatory changes

The superscript 3 is missing in the third affiliation.

Are Q_rd and m_1 same one in Eq.(1)?

Top of the right column, P3: there are 2 “are”.

Reviewer's E-mail (Remove before sendiing to author)

J2034

GEOTECHNICAL CHARACTERIZATION OF BENGKALIS' PEAT USING PORTABLE TOOLS

General Comment: This paper is very relevant to the topic of GEOMATE and is interesting to discuss. The issue of this research is about infrastructure development on peat land. The geotechnical nature of peat, especially its shear strength, is cumbersome due to its very fragile and soft. This study is a preliminary study to characterize the geotechnical properties of peat using a very portable and low cost in-situ soil investigation tool namely the hand cone penetrometer (HCP), resistivity, and in particular the soil strength probe (DK). This equipment is relatively new being developed by the Public Works Research Institute (PWRI) of Japan. The study found that fiber content had a moderate positive correlation with penetration resistance. Resistivity has a very weak correlation with penetration resistance.

Mandatory changes:

1. The text in Figure 8-17 is unreadable and should be corrected to provide convenience to the reader.
2. Make sure that each figure and table is mentioned in the body of the writing.

Monday, December 21, 2020

GEOMATE Journal Review and Evaluation

Paper ID number

J2034

Paper Title

GEOTECHNICAL CHARACTERIZATION OF BENGKALIS' PEAT USING PORTABLE TOOLS

i. Originality

4

ii. Quality

3

iii. Relevance

5

iv. Presentation

4

v. Recommendation

4

Total (sum of i to v)

20

General comments

Interesting and relevant piece of work. Some suggestions /comments:

- Comparison between hand cone penetrometer and the new DK equipment: Describe the similarity and differences?
- Explain the DK test mechanism in relation to the fibrous nature of peat: Suitability and interaction.
- FIG 13: There seems to be quite a scatter in the 'linear' plot- Elaborate more in detail please.
FIG 16: The scatter is appreciable. No? Please explain or justify the linear regression line with R2<20%!

Thanks, and ALL TEH BEST.

Mandatory changes

As above.

Suggested changes

As above.

Reviewer's E-mail (Remove before sendiing to author)

GEOMATE Journal Review and Evaluation

Paper ID number
j2034

Paper Title
GEOTECHNICAL CHARACTERIZATION OF BENGKALIS' PEAT USING PORTABLE TOOLS

i. Originality
4

ii. Quality
3

iii. Relevance
4

iv. Presentation
3

v. Recommendation
4

Total (sum of i to v)
18

General comments
This paper presented very interesting results on the geotechnical characterization of Bengkalis' peat using portable tools. The paper is written very carefully and it is a well written paper. The reviewer recommended this paper for acceptance with the following change.

Mandatory changes
1.Last of author name: Follow template
2.Author affiliation: Follow template
3.Check: *Muhamad Yusa, received: 00 Oct. 2020, Revised: 00 Nov. 2020, Accepted: 00 Dec. 2020 – Follow template
4.Keywords: Follow template, Four of five key words (First characters of each key are in capital/uppercase letters) and Italic

5.All the second level headings: Follow template
6.Figures: Follow template
7.References list format: Follow template

Suggested changes

none

Reviewer's E-mail (Remove before sendiing to author)

GEOMATE Journal Review and Evaluation

Paper ID number

j2034

Paper Title

GEOTECHNICAL CHARACTERIZATION OF
BENGKALIS' PEAT USING PORTABLE TOOLS

i. Originality

4

ii. Quality

4

iii. Relevance

5

iv. Presentation

4

v. Recommendation

4

Total (sum of i to v)

21

General comments

The paper employs a portable tool to confirm its application in providing mechanical and geotechnical properties of the peat soil. It includes in-situ test results and analysis of the data to meet its objective. the paper is well-organised and is beneficial for the readers.

Mandatory changes

Abstract: Last sentence ".Fibre" add a space after full stop.
Relevant literature should be included in the paper to provide more information about the limitation of CPT in very soft peat soil. Also, including relevant information from any prior tests similar to the one applied in this paper would be appreciated.

Suggested changes

Section 2: There is no need to include this sentence as the title of the section clearly says the same: "This section describes the location, equipment, and methodology used in this study."

Reviewer's E-mail (Remove before sendiing to author)

Monday, December 14, 2020

GEOMATE Journal Review and Evaluation

Paper ID number

J2034

Paper Title

GEOTECHNICAL CHARACTERIZATION OF BENGKALIS' PEAT USING PORTABLE TOOLS

i. Originality

4

ii. Quality

5

iii. Relevance

5

iv. Presentation

5

v. Recommendation

5

Total (sum of i to v)

24

General comments

A interest text about geotechnical behavior of peat soils.

Mandatory changes

In the conclusions may be included some technical recommendations.

Suggested changes

No recomendations.

Reviewer's E-mail (Remove before sendiing to author)