#### **BUKTI KORESPONDENSI GEOMATE 2022**

[geomate] Submission Acknowledgement-3307

Yahoo/Inbox \*



Zakaria Hossain <editor@geomatejournal.com> To: Muhammad Irfan

Wed, Feb 16 at 1:38 PM \*\*

Muhammad Irfan:

Paper ID: 3307

Paper Title: THE IMPACT OF POSITIVE IOD AND LA NIÑA ON THE DYNAMICS OF HYDRO-CLIMATOLOGICAL PARAMETERS ON PEATLAND

Thank you for submitting the manuscript, to GEOMATE Journal. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal website:

Submission URL: https://geomatejournal.com/geomate/authorDashboard/submission/3307 Username: irfplg

If you have any questions, please contact me. Thank you for considering this journal as a venue for your work.

Zakaria Hossain

#### Response (1) to Reviewers

No.	Review result	Response of Writer
1.	Figure: Make a high resolution. Some are not	Improvements have been made to the
	clear. The font inside figures must be 10 font	images and text.
	sizes times new roman font or similar and	
	precise. Redraw all figures. Remove bold	
	characters.	
2.	Quality: The paper must be of high quality	Paper quality has been improved.
	during the first submission.	
3.	List of references: Rewrite according to the	The reference list has been adjusted to
	template. Legono D., Jayadi R., and Oishi S.	the template.
	Follow this style for all. Not italic, both side	
	justification. Would you please read the	
	template carefully? One-line space, follow	
	the template	
4.	Line space: One-line space, follow the	Already repaired
	template	
5.	Provide all author e-mails on both online	First author: <u>irfplg@yahoo.com</u> or
		muhammad_irfan@unsri.ac.id
		Second author: <a href="mailto:iskhaq@mipa.usri.ac.id">iskhaq@mipa.usri.ac.id</a>

6.	Authors' contributions and E-mails: Provide all author contributions and e-mails both online.	Dr. Muhammad Irfan: conception, design, acquisition, analysis, and interpretation of data and drafting the article, irfplg@yahoo.com or muhammad irfan@unsri.ac.id Prof. iskhaq Iskandar: critical reviewing and final approval of the version to be submitted, iskhaq@mipa.usri.ac.id
7.	Last page: Both columns should be the same height.	Already repaired
8.	Where is the page number? Give the page number for each page.	Already repaired
9.	First page top left corner copyright text is missing. Kindly see the template	Already repaired
10.	English: There are many grammatical errors. Please correct it using a professional English editor.	Grammatical errors have been fixed
11.	Please send 4 reviewer name, mail, affiliation from other university for review process.	<ol> <li>Adi Susilo, adisusilo@ub.ac.id,         University of Brawijaya, Indonesia</li> <li>B Mustafa, babamus@ums.edu.my,         University Malaysia Sabah</li> <li>D. O. Valerie Kotchoni,         valerie.kotchoni@ird.fr,         University         Grenoble Alpes, France</li> <li>Ping Huang,         huangping@mail.iap.ac.cn,         Institute         of Atmospheric Physics, China.</li> </ol>

3307 review results (attached) have been sent on April 23.

Please check your spam folder.

Best Regards.

Prof. Zakaria Hossain (Ph.D. Kyoto University, Japan)

Editor-in-Chief, International Journal of GEOMATE

Chairman, International Conference of SEE & GEOMATE



Fri, Jul 1 at 1:59 PM

Dear Mr. Muhammad Irfan,

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

Best regards.

Prof. Dr. Zakaria Hossain

3307: Journal Revised paper			
Paper ID number	3307		
Revised Title	THE IMPACT OF POSITIVE IOD AND LA NIÑA ON THE DYNAMICS OF HYDRO-CLIMATOLOGICAL PARAMETERS ON PEATLAND		
Full Name	Mr. Muhammad Irfan		
E-mail	irfplg@yahoo.com		
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Revised Paper (Word)	Revise-2 (3307) Muhammad Irfan Indonesia.docx
Response to Reviewers	Respons (2) to reviewer 2022.docx
(Form 2) Copyright	Form 2- GEOMATE Journal Copyright (1).docx

# Response (2) to Reviewers

## Reviewer 1:

No.	Review result	Response of Writer
1.	Give Citation wherever required in your MS.	Some citations have been added to MS
2.	Highlight the limitations of your study	The limitations of my study have been given to MS
3.	Innovativeness and novelty is missing in the MS	Innovation and novelty have been added to MS
4.	Table sources are missing in the MS	We have added table sources in MS
5.	Why three years data considered for the study?	Because in those 3 years there were 3 different events. The dry season in 2018 took place normally, in 2019 there was an IOD+ event so the rainfall was very low, and in 2020 there was La Nina which caused excessive rain.
6.	Have you validated your work?	The data is measured in situ using a sophisticated equipment system in collaboration with the Japanese and Indonesian governments.

7.	What is the impact of climate change?	Climate change results in deviations in hydro-climatology values. Deviations
		in the value of this parameter on peatlands result in peat burning or flooding.
8.	What is the value of RCP you have considered in your study?	Our study did not examine the value of RCP at the study site.
9.	Any missing data in your study	At certain times the tool requires maintenance or the battery runs out.

## Reviewer 2:

No.	Review result	Response of Writer
1.	Abstract: Re-draf is highly recommend. Abstract shall be consisting; background, objective, material& method, result with all not more than 250 words.  Material and method has been not brief clearly Selective sentence is recommended to make	Improvements have been made to the Abstract: Abstract has been improved according to suggestions from reviewers.
	easy to understanding. Background need to improved	
2.	Research Significant: need to improved and shall be compared with previous result.	Improvements have been made to the Research Significant: It has been compared with previous research.
3.	Material and Method: 1 Standard gathering data must be brief. 2. Method to reach rainfall data must be explain at the MS.	Improvements have been made to the Materia and Method: Data is measured through an in-situ data measurement system in the field, using an equipment system called SESAME. This equipment system consists of several sensors to measure rainfall data and groundwater level.
4.	Dynamics of GWL: Soil/rock characteristic must be brief at the material Impermeable test is recommended also	Improvements have been made to the Dynamics of GWL: Laboratory tests have been carried out to determine the characteristics of the peat soil. The test results show that the peat soil is hemic which has a moderate level of weathering. Hemic peat soil has been partly weathered and partly in the form of

		fibers. Peat soil has a relatively high water
		holding capacity on a dry weight basis.
		Maximum water binding capacity for
		hemic peat 450-850 %. Peat will turn
		hydrophobic (repel water) if it is too dry.
5.	Relationship between rainfall and	Statistical tests have been carried out,
	groundwater level:	namely the correlation significance test,
	statistical analysis is recommended to reach	the correlation coefficient value (r) is very
	correlation rainfall and gwl	small.
6.	Conclusion:	Improvements have been made to the
	novelty of the research	Dynamics of GWL:
	limitation of the result	We have added novelty of the research
		and limitation of the result.





Dear Mr. Muhammad Irfan,

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

Best regards.

Prof. Dr. Zakaria Hossain

🚜 3307: Journal Revised paper			
Paper ID number	3307		
Revised Title	THE IMPACT OF POSITIVE IOD AND LA NIÑA ON THE DYNAMICS OF HYDRO-CLIMATOLOGICAL PARAMETERS ON PEATLAND		
Full Name	Mr. Muhammad Irfan		
E-mail	irfplg@yahoo.com		
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Revised Paper (Word)	Revise-3 (3307) Muhammad Irfan Indonesia.docx
Response to Reviewers	Respons (3) to reviewer 2022.docx
(Form 2) Copyright	Form 2- GEOMATE Journal Copyright (1).docx

# Response (3) to Reviewers

### Reviewer:

No.	Review result	Response of Writer
1.	Figs: Font size must be 10. Remove the outer	The font on the figure has been
	boundary. Please see the template.	changed to Times New Roman size 10.
		The outer boundary has been
		removed. Everything has been
		adjusted to the template.

Dear Dr. Muhammad Irfan:

Paper ID: 3307 [Pay Notice]

Paper Title: THE IMPACT OF POSITIVE IOD AND LA NIÑA ON THE DYNAMICS OF HYDRO-CLIMATOLOGICAL PARAMETERS ON PEATLAND

Your paper has been examined by our external referees and then re-evaluated in-house. Your revised paper has been accepted provisionally. Congratulations.

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Editor-in-Chief

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