

## Dwi Fitri Yudiantoro <d\_fitriyudiantoro@upnyk.ac.id>

## Re: Paper Submission

5 pesan

editor@jsju.org <editor@jsju.org> Kepada: d\_fitriyudiantoro@upnyk.ac.id 16 September 2021 pukul 19.12

Dear Authors.

Greetings from Journal of Southwest Jiaotong University,

Thank you so much for being so interested in submitting your research to our Journal of Southwest Jiaotong University.

Two independent experts in the field have reviewed your manuscript.

We are pleased to inform you that the paper has been accepted for publication subject to minor revisions being made in response to the reviewers' comments given below.

You need to send the following to the editorial office via editor@jsju.org, if you want to publish in the Journal of Southwest Jiaotong University, Volume 56 (6), 2021:

The article, strictly formatted according to the template recommendations for authors and correct the article on the reviewers'

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All revisions should be highlighted in the article in blue. We hope you will do great.

- 1. Please add the purpose and a novelty of the results to the abstract (2 sentences).
- 2. Add 3-5 research hypotheses and show in the RESULTS section how they are tested and proven.
- 3. Authors should explain better the criteria for selecting the research object and the limitations of the application of the results obtained should be specified.
- 4. Authors should explain the academic contribution of the work developed (150 words in conclusion). Highlighting what is innovative/original about the existing literature.

This paper is novel because it seeks to contribute to the current debate in the literature.....The scientific novelty of the article also consists of a conducted large-scale study describing the author's theoretical and practical prerequisites......

Deadline for corrections and payment: September 24, 2021.

- \*Please include the invoice number in the payment note.
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Yours sincerely, 翟婉明 Editor in Chief Journal of Southwest Jiaotong University http://jsju.org/index.php/journal editor@jsju.org

----- Original Message -----Subject: Paper Submission Date: 2021-09-02 11:30 From: JSJU <admin@jsju.org>

To: editor@jsju.org

Title of your paper: ISOTOPE 180 OF ALTERATION ROCKS AT WELL C-1 KAMOJANG GEOTHERMAL FIELD

WEST JAVA INDONESIA

Corresponding Author's Email Address: d fitriyudiantoro@upnyk.ac.id

Author(s): Dwi Fitri Yudiantoro

Keywords: isotope, vapour dominated, fluids, reservoir

Abstract: The Kamojang geothermal field is located within the Quaternary volcanic complex caldera system (0.452 to 1.2 Ma). The volcanic complex contributes to the formation of vapor-dominated high-temperature geothermal systems (250oC). The potential of the electricity produced from this field was 260 MWe. It is necessary to study the isotope 18O of rock alteration to interpret the geothermal system reservoir conditions in response. This research uses the petrographic analytical method, X-ray diffraction, and isotope 18O and D on some core and cutting samples. Isotope abundances are measured using the measuring method with isotope ratio mass spectrometer (IRMS). Zoning mineral alteration in wells C-1 consisting of the cristobalite-montmorillonite zone, illite-montmorillonite zone, and chloriteepidote zone. Hydrothermal fluids that generate steam in geothermal systems were derived from meteoric water. These fluids interact with rocks; this was based on an analysis of the ratio of reservoir water-rock interaction wells C-1. The research shows that the value of the fraction oxygen atoms of rocks in the system (1-x) was 0.16. That indicated that the reservoir containing fluid 16% or reservoir is rock dominated. This study is different from previous researchers, namely using 18O isotope analysis of alteration rocks to determine the ratio of rock and fluid in the geothermal reservoir. It is hoped that this method can be used in other geothermal fields.

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Dwi Fitri Yudiantoro <d fitriyudiantoro@upnyk.ac.id>

Kepada: editor@jsju.org

Dear. Editor.

Thank you for accepting my paper to be published in the Jiaotong Journal.

There is something I want to ask. When will my paper be published if I can correct it? If it was published in late 2022 or early 2023, would it be possible? Explanation, please. Thank you for your hospitality and attention.

Regards, DF. Yudiantoro

[Kutipan teks disembunyikan]

Dwi Fitri Yudiantoro <d fitriyudiantoro@upnyk.ac.id>

Kepada: editor@jsju.org

Dear, Editor 17 September 2021 pukul 13.48

17 September 2021 pukul 13.43

My paper will be useless if it is published before 2022. I really need the information Thanks very much.

Regards,

DF. Yudiantoro

[Kutipan teks disembunyikan]

editor@jsju.org <editor@jsju.org> Kepada: d\_fitriyudiantoro@upnyk.ac.id 17 September 2021 pukul 14.34

Dear Author, Yes it's possible.

Yours sincerely, 翟婉明 Editor in Chief Journal of Southwest Jiaotong University

[Kutipan teks disembunyikan]

**Dwi Fitri Yudiantoro** <d\_fitriyudiantoro@upnyk.ac.id>

Kepada: editor@jsju.org

Dear Editor,

I will do

[Kutipan teks disembunyikan]

20 September 2021 pukul 09.39