

PLOS ONE: Your submission PONE-D-17-09790R1 - [EMID:4b3fc2ca69af89cd]

Dari: PLOS ONE (em@editorialmanager.com)

Kepada: mukti_fishocean@yahoo.co.id

Tanggal: Senin, 7 Agustus 2017 23.54 GMT+8

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If you are unable to complete any points that are requested in this email, please explain why in the "Enter Comments" tab of the online submission form prior to re-submitting your manuscript. This will enable us to promptly assess your response and progress your manuscript to an Academic Editor at the earliest opportunity.

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PONE-D-17-09790R1

Detection of pelagic habitat hotspots for skipjack tuna in the Gulf of Bone-Flores Sea, southwestern Coral Triangle tuna, Indonesia

Dr. Mukti Zainuddin

Dear Dr. Zainuddin,

Thank you for submitting your manuscript entitled "Detection of pelagic habitat hotspots for skipjack tuna in the Gulf of Bone-Flores Sea, southwestern Coral Triangle tuna, Indonesia" to PLOS ONE. Your manuscript files have been checked in-house but before we can proceed we need you to address the following issues:

1. Thank you for stating in your Funding Statement:

"This work was partly supported to MZ by the National Competitive Research Grant (HIKOM, 2016), Ministry of Research, Technology and Higher Education of the Republic of Indonesia.

The funders had no role in study design, data collection and analysis, decision to publish, or preparation of the manuscript"

Please provide an amended statement that declares *all* the funding or sources of support (whether external or internal to your organization) received during this study, as detailed online in our guide for authors at <http://journals.plos.org/plosone/s/submit-now>. Please also include the statement "There was no additional external funding received for this study." in your updated Funding Statement.

Please include your amended Funding Statement within your cover letter. We will change the online submission form on your behalf.

Your manuscript has been returned to your account. Please log on to PLOS Editorial Manager at <http://pone.edmgr.com/> to access your manuscript.

Your manuscript can be found in the "Submissions Sent Back to Author" link under the New Submissions menu. After you have made the changes requested above, please be sure to view and approve the revised PDF after rebuilding the PDF to complete the resubmission process.

Please note that these changes have been requested to comply with submission guidelines and your manuscript will *not* be sent to review until you have fully adhered to our requests. Once your paper has been seen by an Editor we may return it to you for further information or amendments.

We ask that you address this request within 21 days. If you require additional time, please email the journal office. We are happy to grant extensions of up to one month past this due date. If we have not heard from you within 21 days, your manuscript will be withdrawn from Editorial Manager.

Thank you for submitting your work to PLOS ONE.

Kind regards,

Emily Jones
PLOS ONE

PLOS ONE Decision: Revision required [PONE-D-17-09790] - [EMID:fb472967737f0aca]

Dari: PLOS ONE (em@editorialmanager.com)

Kepada: mukti_fishocean@yahoo.co.id

Tanggal: Kamis, 22 Juni 2017 17.30 GMT+8

PONE-D-17-09790

Detection of pelagic habitat hotspots for skipjack tuna in the Gulf of Bone-Flores Sea, southwestern Coral Triangle tuna, Indonesia
PLOS ONE

Dear Dr. Zainuddin,

Thank you for submitting your manuscript to PLOS ONE. After careful consideration, we feel that it has merit but does not meet PLOS ONE's publication criteria as it currently stands. Therefore, we invite you to submit a revised version of the manuscript that addresses the points raised during the review process. We regret that this has taken so long, it was difficult to acquire referees (this is a general and increasing problem). My recommendation is based on the evaluation by one referee and myself. Please make sure to deal with all the referee's requests. Your revised ms may be sent out for further review.

We would appreciate receiving your revised manuscript by Aug 06 2017 11:59PM. When you are ready to submit your revision, log on to <http://pone.edmgr.com/> and select the 'Submissions Needing Revision' folder to locate your manuscript file.

If you would like to make changes to your financial disclosure, please include your updated statement in your cover letter.

To enhance the reproducibility of your results, we recommend that if applicable you deposit your laboratory protocols in protocols.io, where a protocol can be assigned its own identifier (DOI) such that it can be cited independently in the future. For instructions see: <http://journals.plos.org/plosone/s/submission-guidelines#loc-laboratory-protocols>

Please include the following items when submitting your revised manuscript:

- A rebuttal letter that responds to each point raised by the academic editor and reviewer(s). This letter should be uploaded as separate file and labeled 'Response to Reviewers'.
- A marked-up copy of your manuscript that highlights changes made to the original version. This file should be uploaded as separate file and labeled 'Revised Manuscript with Track Changes'.
- An unmarked version of your revised paper without tracked changes. This file should be uploaded as separate file and labeled 'Manuscript'.

We look forward to receiving your revised manuscript.

Kind regards,

Geir Ottersen
Academic Editor
PLOS ONE

Journal Requirements:

When submitting your revision, we need you to address these additional requirements.

1. Please ensure that your manuscript meets PLOS ONE's style requirements, including those for file naming. The PLOS ONE style templates can be found at http://www.journals.plos.org/plosone/s/file?id=wjVg/PLOSONe_formatting_sample_main_body.pdf and http://www.journals.plos.org/plosone/s/file?id=ba62/PLOSONe_formatting_sample_title_authors_affiliations.pdf

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Please include your amended Funding Statement within your cover letter. We will change the online submission form on your behalf.

[Note: HTML markup is below. Please do not edit.]

Reviewers' comments:

Reviewer's Responses to Questions

Comments to the Author

1. Is the manuscript technically sound, and do the data support the conclusions?

The manuscript must describe a technically sound piece of scientific research with data that supports the conclusions. Experiments must have been conducted rigorously, with appropriate controls, replication, and sample sizes. The conclusions must be drawn appropriately based on the data presented.

Reviewer #1: Partly

2. Has the statistical analysis been performed appropriately and rigorously?

Reviewer #1: Yes

3. Have the authors made all data underlying the findings in their manuscript fully available?

The [PLOS Data policy](#) requires authors to make all data underlying the findings described in their manuscript fully available without restriction, with rare exception (please refer to the Data Availability Statement in the manuscript PDF file). The data should be provided as part of the manuscript or its supporting information, or deposited to a public repository. For example, in addition to summary statistics, the data points behind means, medians and variance measures should be available. If there are restrictions on publicly sharing data—e.g. participant privacy or use of data from a third party—those must be specified.

Reviewer #1: Yes

4. Is the manuscript presented in an intelligible fashion and written in standard English?

PLOS ONE does not copyedit accepted manuscripts, so the language in submitted articles must be clear, correct, and unambiguous. Any typographical or grammatical errors should be corrected at revision, so please note any specific errors here.

Reviewer #1: Yes

5. Review Comments to the Author

Please use the space provided to explain your answers to the questions above. You may also include additional comments for the author, including concerns about dual publication, research ethics, or publication ethics. (Please upload your review as an attachment if it exceeds 20,000 characters)

Reviewer #1: In the manuscript of Zainuddin et al, on the "Detection of pelagic habitat hotspots for skipjack tuna in the Gulf of Bone-Flores Sea, southwestern Coral Triangle tuna, Indonesia", the authors examined the relationship between the remote sensing oceanographic data and skipjack tuna CPUE and fishing effort, and explored their habitat hotspots. I agree with the value of this manuscript, but I've identified some major issues below that I'd like to authors to address either in a revision or in a rebuttal before considering publication.

- It is very important to understand variations in fish habitat hotspots influenced by specific environmental variables. However, the same topic has been studied by various methods in the past decade for skipjack tuna. I do not understand the novelty of this particular study. The authors should clarify your novelty on your topic in the introduction section.

- The method in this study was basically similar to Zainuddin et al (2006, 2008) as below. Is there any new or improvement of this method in your study? Furthermore, the statistical methods in this manuscript are poorly described and totally absent in some cases, such as for regression and correlation analyses for the hotspots index and CPUE.

Zainuddin, M., Kiyofuji, H., Saitoh, K., & Saitoh, S. I. (2006). Using multi-sensor satellite remote sensing and catch data to detect ocean hot spots for albacore (*thunnus alalunga*) in the northwestern north pacific. *Deep-Sea Research Part II*, 53(3), 419-431.

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- Did the three environmental variables used in developing the probability index correlate to each other? You calculated the pelagic hotspot index (PHI) by averaging three environmental variables, which mean each variable contributed equally to the PHI. Actually, how do they contribute to your prediction model? It should be useful to provide substantial information on this calculation approach and discuss its effects on the prediction results.

- Why only the data in May 2012 was used to validate the prediction model? How about the prediction performance in other months in 2012?

6. If you would like your identity to be revealed to the authors, please include your name here (optional).

Your name and review will not be published with the manuscript.

Reviewer #1: (No Response)

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Bls: PLOS ONE Decision: Revision required [PONE-D-17-09790] - [EMID:fb472967737f0aca]

Dari: Mukti Zainuddin (mukti_fishocean@yahoo.co.id)

Kepada: plosone@plos.org

Tanggal: Sabtu, 1 Juli 2017 08.56 GMT+8

Dear PLOS ONE Editor,

Thank you for your email of decision for our manuscript. We would like to revise the manuscript base on the reviewer and editor comments and send back to editor through the online submission system.

Best Regards,

Mukti Zainuddin, Ph.D

Pada Kamis, 22 Juni 2017 16:30, PLOS ONE <em@editorialmanager.com> menulis:

PONE-D-17-09790

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PLOS ONE

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To enhance the reproducibility of your results, we recommend that if applicable you deposit your laboratory protocols in protocols.io, where a protocol can be assigned its own identifier (DOI) such that it can be cited independently in the future. For instructions see: <http://journals.plos.org/plosone/s/submission-guidelines#loc-laboratory-protocols>

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Reviewer #1: Yes

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Reviewer #1: Yes

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RE: Confirmation of some required points [ref:_00DU0Ifis._5000BblEQs:ref]

Dari: plosone (plosone@plos.org)

Kepada: mukti_fishocean@yahoo.co.id

Tanggal: Jumat, 22 September 2017 22.57 GMT+8

Dear Dr. Zainuddin,

Thank you for your message. and for sending along this information.

I can confirm at this time that we have received the submission of your task. We are currently processing the revisions made.

If you have any questions in the meantime, please do not hesitate to reach out to me.

With kind regards,
Mally Espailat
PLOS ONE

----- Original Message -----

From: Mukti Zainuddin [mukti_fishocean@yahoo.co.id]

Sent: 9/21/2017 4:37 PM

To: plosone@plos.org

Subject: Confirmation of some required points

Dear Plos One Editor,

Here we are confirming that :

1. Aisjah Farhum : Data curation

2. Since Dr. Aisjah Farhum is a member of my research grant (PTUPT 2017), so Funding Information should be: HIKOM 2016 019/SP2H/LT/DPRM/II/2016 Dr. Mukti ZainuddinPTUPT 2017 005/SP2H/LT/DPRM/IV/2017 Dr. Mukti Zainuddin

3. The appropriate Financial Disclosure :This work was partly supported to MZ by the National Competitive Research Grant (Hibah Kompetensi 2016 No. 019/SP2H/LT/DPRM/II/2016 and PTUPT 2017 No. 005/SP2H/LT/DPRM/IV/2017), Ministry of Research, Technology and Higher Education of the Republic of Indonesia. The funders had no role in study design, data collection and analysis, decision to publish, or preparation of the manuscript.

The other points are correct. For your information, we have made all required changes including (Please see the corrected manuscript):

No 3 (Journal requirements) - Author Aisyah Farhum should be Aisjah Farhum

No 4 (Journal requirements) - We completed affiliation information

No 5 (Journal requirements) - We deleted the list of author contributions in the revised manuscript

No 6 (Journal requirements) - We confirmed the discrepancy between Financial Disclosure and the funding information in the manuscript file

No 7 (Journal requirements) - We have matched the supporting information labels

No 8 (Journal requirements) - We have improved Fig 5 into suitable one and used PACE to adjusted the suitability of the figure.

No 9 (Journal requirements) - We have made a new ORCID iD and update my information in Editorial Manager.

If it is still possible, page 19 line 435 Both should be "both" (lower case).

If any some thing missing or need to be confirmed, please let us know, We would like to respond as soon as possible.

Best Regards

Mukti Zainuddin

ref:_00DU0Ifis._5000BblEQs:ref

Notification of Formal Acceptance for PONE-D-17-09790R1 - [EMID:0a75e3d99908fa83]

Dari: PLOS ONE (em@editorialmanager.com)

Kepada: mukti_fishocean@yahoo.co.id

Tanggal: Sabtu, 23 September 2017 04.21 GMT+8

CC: icha_erick@yahoo.com, safruddinhasyim@gmail.com, mbandas2006@yahoo.com, sudiru2002@yahoo.com, veggha16@yahoo.com, poltek_ridwan@yahoo.com, ssaitoh@arc.hokudai.ac.jp, nurj_din@yahoo.com

PONE-D-17-09790R1

Detection of pelagic habitat hotspots for skipjack tuna in the Gulf of Bone-Flores Sea, southwestern Coral Triangle tuna, Indonesia

Dear Dr. Zainuddin:

I am pleased to inform you that your manuscript has been deemed suitable for publication in PLOS ONE. Congratulations! Your manuscript is now with our production department.

If your institution or institutions have a press office, please notify them about your upcoming paper at this point, to enable them to help maximize its impact. If they will be preparing press materials for this manuscript, please inform our press team within the next 48 hours. Your manuscript will remain under strict press embargo until 2 pm Eastern Time on the date of publication. For more information please contact onepress@plos.org.

For any other questions or concerns, please email plosone@plos.org.

Thank you for submitting your work to PLOS ONE.

With kind regards,

PLOS ONE Editorial Office Staff
on behalf of

Dr. Geir Ottersen
Academic Editor
PLOS ONE

Required Modifications for PONE-D-17-09790R1 - [EMID:73d0cc9b68e4395c]

Dari: PLOS ONE (em@editorialmanager.com)

Kepada: mukti_fishocean@yahoo.co.id

Tanggal: Selasa, 19 September 2017 21.04 GMT+8

PONE-D-17-09790R1

Detection of pelagic habitat hotspots for skipjack tuna in the Gulf of Bone-Flores Sea, southwestern Coral Triangle tuna, Indonesia

Dear Dr. Zainuddin:

Thank you for submitting your work to PLOS ONE. Your manuscript will be formally accepted and enter production after you complete the requests below. Please note that you will not be able to make changes to your manuscript once it enters the production process. PLOS ONE does NOT provide author proofs. Any changes other than those requested in this email will need to be reviewed by the Academic Editor and reviewers; this will delay the formal acceptance of your manuscript.

To access your manuscript and complete these changes, please follow this link: <http://pone.edmgr.com/l.asp?i=27049642&l=HWAX7AM0>.

You will find the submission in "Current Task Assignments." From there you must download your submission files via the "Assignment Files" link. You can also download the manuscript file attached to this email; the document has been formatted to track all changes, and we will only accept this version with locked tracked changes returned to us.

Once you have made all the required changes, click "Submit Task" to upload the corrected files.

Your task is due Sep 22 2017 11:59PM.

Please contact plosone@plos.org with any questions or concerns. For billing related questions, please contact our Author Billing department directly at authorbilling@plos.org. For questions regarding your press release or the press process, please contact onepress@plos.org

With kind regards,
PLOS ONE staff

JOURNAL REQUIREMENTS:

1. Please ensure that the author list and affiliations are correct on the title page of your manuscript, and that your author contributions, competing interests, and financial disclosure are correct as listed below. All of these sections will be indexed in PubMed and published by PLOS ONE as you have written them. Please email plosone@plos.org if any changes to this content need to be made.

Mukti Zainuddin: Conceptualization
Formal analysis
Funding acquisition
Investigation
Methodology
Supervision
Writing – original draft
Writing – review & editing

Aisjah Farhum: Data curation
Funding acquisition

Safuruddin Safuruddin: Data curation
Investigation
Validation

Muhammad Banda Selamat: Data curation
Software

Sudirman Sudirman: Conceptualization

Nurjannah Nurdin: Investigation

Mega Syamsuddin: Visualization

Muhammad Ridwan: Data curation
Project administration

Sei-Ichi Saitoh: Conceptualization
Formal analysis

Please see here for the full list and definition of contributor roles: <http://journals.plos.org/plosone/s/authorship#loc-author-contributions>

Competing Interests: The authors have declared that no competing interests exist

Financial Disclosure: This work was partly supported to MZ by the National Competitive Research Grant (HIKOM, 2016), Ministry of Research, Technology and Higher Education of the Republic of Indonesia. The funders had no role in study design, data collection and analysis, decision to publish, or preparation of the manuscript

2. Please confirm that all information in your Funding Information is also present in your Financial Disclosure. Only the Financial Disclosure section will be published alongside your article to describe your funding.

Funding Information:

HIKOM 2016 019/SP2H/LT/DPRM/II/2016 Dr. Mukti Zainuddin
PTUPT 2017 005/SP2H/LT/DPRM/IV/2017 Dr. Mukti Zainuddin
Dr Aisjah Farhum

3. Author Aisyah Farhum is listed as Aisjah Farhum in the online submission form; we are unsure which version is correct. If the name is incorrect in the manuscript, please correct this. If the name is incorrect in the submission form, please let us know so we can correct the author's profile for you. Please note that the use of middle initials/names should be consistent among the manuscript's author list, the author list in the submission form, and the Author Contributions initials.

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5. Please delete the list of author contributions from your manuscript before resubmitting.

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Please confirm this update is appropriate.

7. The Supporting Information labels at the end of your manuscript and the Supporting Information in-text citations do not match. Please update your in-text citations of Supporting Information files so that they exactly match the Supporting Information labels. Both in-text citations and labels should be in the format "S# Type" (e.g., "S1 Fig" or "S1 Table." Multiple SI figures should be cited as "S# and S# Figs"). Please see these examples for more guidance:

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