

# Heliyon



 CellPress

Heliyon Journal

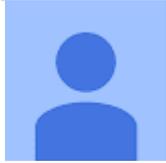
Q1

Impact Factor: 3,776

REVIEWER: Vera Sabariah (Indonesia)

# Invitation to review for Heliyon (1)

Inbox



Heliyon <em@editorialmanager.com>

Sat, Jan 28,  
5:12 AM

to me (vsabariah@gmail.com)

## **Technical Efficiency of Fishers Controlling for Environmental Variable: Evidence from Lake Tana Fisheries, Ethiopia**

Manuscript Number: HELIYON-D-22-30273

**Dear Ms Sabariah,**

We are considering a new submission for publication in Heliyon, an open-access journal from Cell Press. Your expertise seems appropriate to give feedback on this article. Would you be willing to review?

Abstract:

Measuring technical efficiency plays a magnificent role in identifying the possible sources of productivity gain with the existing fish resources and technologies. However, no efficiency study has been conducted in the fisheries of Lake Tana. Because of this gap, the causes, magnitude and possible solutions for the inefficiency of fishers have remained unknown. Thus, the paper aims to estimate the level of technical efficiency (TE) and its determinants in the fishery of Lake Tana. To address these objectives, data from 367 randomly selected fishers were collected using a multi-stage random sampling procedure. A Cobb Douglas functional form with a single-stage estimation procedure was employed to estimate the level of TE and its determinants simultaneously. The study reveals that the level of TE among sampled fishers varied from 13.5% to 91.2%, with a mean TE of 70.8%. The prevailing TE level and the average yield gap of 8.07 kg per trip per fisher, substantiate the potential for improving (by 29.2%) the current volume of fish production, with the existing fishing technologies. In addition, fishers who are situated around water hyacinth infested areas are technically less efficient (68.7%) compared to the non-infested areas (72.9%). The efficiency level was positively influenced by factors, such as training and marketing site. Whereas, number of non-fishing months and distance from home to the Lake were the hindering factors for the efficiency. The study confirms that no fishers in the study area are operating at their full potential and this could have a short-run implication for the substantial improvement of fish catch without additional input and technology.

Heliyon publishes scientifically accurate and valuable research across the entire spectrum of science and medicine. Heliyon received its first Impact Factor (3.776) in June 2022 and we are indexed in the Science Citation Index Expanded (SCIE).

Please click the following link to accept this invitation and view the manuscript. To encourage you to submit your review in a timely manner, we are offering [publication discounts for reviewers](#). Upon completion of valuable and timely review reports, you will be eligible to publish with Heliyon at a reduced rate.

#### [Agree to Review and View Reviewer PDF](#)

By agreeing to review this manuscript, you are declaring that you have no conflict of interest.

Please click the following link to decline the manuscript. We would very much appreciate if you could suggest an appropriate alternate reviewer. Please do keep diversity of gender, career stage, and geography in mind as you make these suggestions.

#### [Decline to Review](#)

If, for any reason, the above links do not work, please log in as a reviewer: <https://www.editorialmanager.com/heliyon/default.aspx>.

If you accept this invitation, I would be very grateful if you would return your review within 14 days of accepting this invitation. We understand that the global COVID-19 situation may well be causing disruption for you and your colleagues. If that is the case for you and you would need more time than usual to be able to complete this review, please let us know so we can agree on a time frame that works for you.

Please note that you should treat this invitation, the manuscript, and your review as confidential. You must not share your review or information about the review process with anyone without the agreement of the editors and authors involved, even after publication. This also applies to other reviewers' comments to author which are shared with you after a decision (and vice versa).

If you need more time than usual to be able to complete this review, please let us know so we can agree on a time frame that works for you.

We look forward to receiving your response to this review request and thank you in advance for your contribution and time.

Kind regards,

Assem Abu Hatab

Associate Editor - Agriculture

Heliyon

As a reviewer you are entitled to complimentary access to references, abstracts, and full-text articles on ScienceDirect and Scopus for 30 days. Full details on how to claim your access via [Reviewer Hub](#) will be provided upon your acceptance of this invitation to review.

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## Review for Heliyon - next steps (2)

Inbox



Heliyon <em@editorialmanager.com>

Feb 1,  
2023,  
11:57 AM

to me

<b>Feb 1</b> <b>4 Tue</b>	<b>Review Due</b> When Tue Feb 14, 2023 (MYT) Who Heliyon* <a href="#">Add to calendar »</a>	<b>Agenda</b> Tue Feb 14, 2023 <i>No earlier events</i> All day Review Due <i>No later events</i>
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Manuscript Number:  HELIYON-D-22-30273

Title: Technical Efficiency of Fishers Controlling for Environmental Variable: Evidence from Lake Tana Fisheries, Ethiopia

**Dear Dr Sabariah,**

Thank you for agreeing to review the above referenced manuscript HELIYON-D-22-30273 for Heliyon.

If possible, we would appreciate receiving your review by Feb 14, 2023.

Note that we may ask you to answer a set of questions about the manuscript, enabling you to convey your recommendations for improvement in a structured way to myself and the author(s).

Please read the following instructions carefully before starting your evaluation: <https://www.elsevier.com/reviewers/how-to-conduct-a-review>, and have a look at <https://www.elsevier.com/reviewers/how-to-review/structured-peer-review> for an overview of the reviewer questions.

As a reminder, our review criteria are displayed below:

1. Methods: Are the methods described in sufficient detail to understand the approach used and are appropriate statistical tests applied?
2. Results: Are the results or data that support any conclusions shown directly or otherwise publicly available according to the standards of the field?
3. Interpretation: Are the conclusions a reasonable extension of the results?
4. Ethics: Does the study's design, data presentation, and citations comply with standard COPE ethical guidelines and has proper approval and consent been acquired as outlined in our Editorial Policies: <https://www.cell.com/heliyon/ethics?>

We have provided some useful links at the end of these instructions, if you would like to develop your knowledge in writing effective peer review reports. Please take a moment to look at these resources, which will guide you through the peer review process.

Please also note these important ethical guidelines all reviewers are asked to follow:

- \* You should treat the manuscript and your review as confidential. You must not share your review or information about the review process with anyone without the agreement of the editors and authors involved, even after publication. This also applies to other reviewers' "comments to author" which are shared with you on decision (and vice versa).
- \* If you suspect plagiarism, fraud or have other ethical concerns, please raise your suspicions with the editor, providing as much detail as possible.
- \* Any suggestion you make that the author include citations to your (or your associates') work must be for genuine scientific reasons and not with the intention of increasing your citation counts or enhancing the visibility of your work (or those of your associates).
- \* Please flag any potential conflict of interest that you may have to the editor.

To view the manuscript, please click here: <https://www.editorialmanager.com/heliyon/l.asp?i=5379439&l=J1N7E18V>.

When you are ready to submit your review, you may access the submission record here <https://www.editorialmanager.com/heliyon/l.asp?i=5379440&l=NK08W341>. Please click on the "Submit Recommendation" link to enter your comments.

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As a reviewer you are entitled to complimentary access to ScienceDirect and Scopus. This 30-day access can be activated in the [Rewards] section of your profile in Reviewer Hub ([reviewerhub.elsevier.com](http://reviewerhub.elsevier.com)) and you have six months to activate it.

Please visit the Elsevier Reviewer Hub ([reviewerhub.elsevier.com](http://reviewerhub.elsevier.com)) to manage all your refereeing activities for this and other Elsevier journals on Editorial Manager.

I look forward to receiving your review soon.

Thank you in advance for your contribution and time.

Kind Regards,

Heliyon

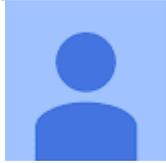
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## Review for Heliyon - due soon (3)

Inbox



Heliyon <em@editorialmanager.com>

Sun, Feb 12,  
2:38 PM

to me

Manuscript Number: HELIYON-D-22-30273

Title: Technical Efficiency of Fishers Controlling for Environmental Variable:  
Evidence from Lake Tana Fisheries, Ethiopia

Dear **Dr Sabariah**,

On Jan 31, 2023 you kindly agreed to review the above referenced manuscript for Heliyon. This is a friendly reminder that your review of this manuscript is due by Feb 14, 2023.

As timely reviews are of utmost importance to authors, I would be grateful if you could submit your reviewer as soon as possible via <https://www.editorialmanager.com/heliyon/l.asp?i=5504216&l=X88M81RD>. We understand that the global COVID-19 situation may well be causing disruption for you and your colleagues. If that is the case for you and you need more time to be able to complete this review, please let us know so we can agree on a time frame that works for you.

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As a reminder, our review criteria are displayed below.

1. Methods: Are the methods described in sufficient detail to understand the approach used and are appropriate statistical tests applied?
2. Results: Are the results or data that support any conclusions shown directly or otherwise publicly available according to the standards of the field?
3. Interpretation: Are the conclusions a reasonable extension of the results?
4. Ethics: Does the study's design, data presentation, and citations comply with standard COPE ethical guidelines and has proper approval and consent been acquired as outlined in our Editorial Policies: <https://www.cell.com/heliyon/ethics?>

To view the manuscript, please click here: <https://www.editorialmanager.com/heliyon/l.asp?i=5504218&l=4GPEOLN1>.

If your review will be delayed for any reason, please let me know when I can expect to receive your comments.

Thank you very much for your contribution and time.

Kind regards,

Heliyon

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Guide for reviewer: <https://www.cell.com/heliyon/guide-for-referees>

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## Thank you for reviewing for Heliyon (4)

Inbox



**Heliyon** <em@editorialmanager.com>

Tue, Feb 14,  
11:03 AM

to me

Manuscript Number: HELIYON-D-22-30273

Technical Efficiency of Fishers Controlling for Environmental Variable: Evidence from Lake Tana Fisheries, Ethiopia

Dear Ms Sabariah,

Thank you for reviewing the above referenced manuscript for Heliyon, an open access journal that is part of the Cell Press family. I greatly appreciate your contribution and time, which not only assisted me in reaching my decision, but also enables the author(s) to disseminate their work at the highest possible quality. Without the dedication of reviewers like you, it would be impossible to manage an efficient peer review process and maintain the high standards necessary for a successful journal.

I hope that you will consider Heliyon as a potential journal for your own submissions in the future.

Kind regards,

Assem Abu Hatab  
Associate Editor - Agriculture  
Heliyon

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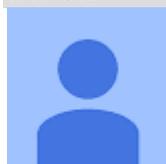
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## Review for Heliyon - manuscript revision decision (5)

Inbox



Heliyon <em@editorialmanager.com>

Mon, Feb 20,  
6:54 AM

to me

**Manuscript Number: HELIYON-D-22-30273**  
**Technical Efficiency of Fishers Controlling for Environmental Variable:**  
**Evidence from Lake Tana Fisheries, Ethiopia**

**Dear Dr Sabariah,**

Thank you for reviewing the above referenced manuscript for Heliyon, an open access journal that is part of the Cell Press family. With your help, we have reached a revise decision on this manuscript.

The anonymised comments to author, from all reviewers, are included below. You can also access this information by logging into Editorial Manager as a reviewer.

Thank you for your contribution and time in reviewing this manuscript, which not only assisted us in reaching our decision, but also enables the author(s) to disseminate their work at the highest possible quality. Please note you may be asked to review the revision of this paper in the future.

**I am grateful to you for your assistance as a reviewer for Heliyon.**

Kind regards,

Nisha Yadav  
Editorial Section Manager  
Heliyon

Comments to author:

This field is optional. If you have any additional suggestions beyond those relevant to the questions above, please number and list them here.

This manuscript has detail and good information about the fishing condition and applied technical efficiencies.

%INDIVIDUAL\_REVIEWER\_COMMENTS\_TO\_AUTHOR%

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