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IDENTITAS JURNAL YANG DIREVIEW

Nama Jurnal : **Integrated Environmental Assessment and Management**
Negara : United States (US)
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Link Scopus : [Scopus preview - Scopus - Integrated Environmental Assessment and Management](#)

PERMOHONAN REVIEW (1 OKTOBER 2022 – 05:08)



Integrated Environmental Assessment and Management <onbehalf@manuscriptcentral.com>
Kepada: elandafikri@yahoo.com
Cc: ieam_editor@setac.org, donna.frankel@setac.org

Sab, 1 Okt 2022 jam 05:08 ☆

30-Sep-2022

Dear Dr. Elanda Fikri,

Based on your expertise, we invite you to review the following manuscript for Integrated Environmental Assessment and Management (IEAM): "Life Cycle Assessment of Urban Waste Management in Rasht, Iran". The abstract can be found below my signature.

Please note that IEAM follows a double-blind review process, so the manuscript will not contain sections that may reveal author identities (e.g., Acknowledgment, Disclaimer, Data Accessibility statement).

If you agree to review the paper, we will need your comments within the next 20 days. You will receive a separate e-mail about how to access Manuscript Central, our online manuscript submission and review system.

If you are unable to review at this time, we would appreciate your recommendation of another expert reviewer.

To accept or decline, please click on the links below the title and abstract, below.

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Sincerely,

Dr. Andrea Hicks
Associate Editor
Integrated Environmental Assessment and Management

MANUSCRIPT DETAILS

TITLE: Life Cycle Assessment of Urban Waste Management in Rasht, Iran

ABSTRACT: Global population growth and industrial development have led to increased production of urban solid waste. Collecting and disposing of urban waste is one of the biggest challenges that countries face at the moment. Human and environmental health can be ensured by the implementation of proper management in various stages of production, storage, transportation and disposal of waste. There are several tools for evaluating a waste management system, from which, Life Cycle Assessment (LCA) is an important one. This article aims to evaluate the life cycle of waste management in city of Rasht and prioritize decisions to develop its waste management system. To achieve this purpose, four waste management scenarios were designed. In addition, the life cycle cataloging in the scenarios was done by the IWM-1 model. It was to calculate the energy consumption and obtain the number of pollutant emissions in each scenario. In the next step, the life cycle assessment of the scenarios was performed by Eco-Indicator 99 index. The results of the study show that scenario 4 has the most positive effects on the environment with 40 % compost, 25 % recycling, 20 % sanitary landfill and 15 % waste incineration based on the index. Therefore, it is chosen as the best option for the waste management in city of Rasht.

MANUSCRIPT TYPE: Original Article

PLEASE NOTE: Manuscript type "Special Series" may be either a brief communication—a shorter paper that reports preliminary findings or expert perspectives on timely issues—OR a full-length research paper. Please review accordingly or contact me with any questions.

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Declined- Not interested in the manuscript topic: https://mc.manuscriptcentral.com/ieam?URL_MASK=e8e9c672468546db993dc5c4946bd31a

Declined- Unavailable to review for extended period: https://mc.manuscriptcentral.com/ieam?URL_MASK=9de4570bc5804eddb797b10959c23ed1

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MENERIMA PERMOHONAN REVIEW (1 OKTOBER 2022. 22:25)

IEAM - Manuscript ID IEAM-2022-301-OA now in your Reviewer Center [email ref: IRE-SW-1-a] Yahoo/Email M... ☆

 **Integrated Environmental Assessment and Management** <onbehalf@manuscriptcentral.com> Sab, 1 Okt 2022 jam 22.25 ☆
Kepada: elandafikri@yahoo.com
Cc: hicks5@wisc.edu, ieam_editor@setac.org, ieam_ea@setac.org

01-Oct-2022

Dear Dr. Elanda Fikri,

Thank you for agreeing to review Manuscript ID IEAM-2022-301-OA titled "Life Cycle Assessment of Urban Waste Management in Rasht, Iran" for Integrated Environmental Assessment and Management (IEAM). Please complete your review by 22-Oct-2022.

PLEASE NOTE: If you are reviewing a special series manuscript (denoted by an "SS" in the manuscript ID), it may be either a brief communication—a shorter paper that reports preliminary findings or expert perspectives on timely issues—OR a full-length research paper. Please review accordingly or contact me with any questions.

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Manuscripts should bridge the gap between scientific research and the application of science in decision making, regulation, and environmental management. They may include the natural and social sciences as well as the concepts, policies, and procedures that make science useful.

Please address the following criteria in your review:

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- Language: Does the writing clearly convey the main points? Does the writing require language editing to improve the clarity?
- Relevance: How well does the author discuss the findings and conclusions in the context of existing knowledge in the field?

Include page and line numbers for specific comments, so that authors can easily locate the source of your comments.

Please note that authors are allowed to submit initially in a wide range of formats, but the revised manuscript will be required to conform to journal style.

Ethics:
Please remember that the author is a colleague, working to advance the knowledge in your field. Your comments should be collegial and offer objective, constructive criticism. The Editorial Office may delete or redact reviewer comments that do not address scientific content but instead are personal slights against authors or intended for the editor. The Editorial Office may contact reviewers to clarify comments that offer insight but are unclear because of the tone of the sentence.

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All communications regarding this manuscript are privileged. Any conflict of interest, suspicion of duplicate publication, fabrication of data, or plagiarism should immediately be reported to me.

Thank you for evaluating this manuscript.

Sincerely,


Dr. Andrea Hicks
Associate Editor
Editorial Office
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IEAM - Account Modified in Manuscript Central [email ref: SE-23-a] Yahoo/Email M... ☆

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Kepada: elandafikri@yahoo.com

01-Oct-2022

Dear Dr. Elanda Fikri,

This e-mail is a notification that your account on Integrated Environmental Assessment and Management - Manuscript Central site has been modified. Your Integrated Environmental Assessment and Management - Manuscript Central account information is as follows:


USER ID: elandafikri@yahoo.com

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Sincerely,
Editorial Office
Integrated Environmental Assessment and Management



NOTIFIKASI REMINDER (15 OKTOBER 2022. 17:47)

Reminder: IEAM [email ref: ENR-SW-6-a] Yahoo/Email M... ☆

 **Integrated Environmental Assessment and Management** <onbehalf@manuscriptcentral.com> Sab, 15 Okt 2022 jam 17.47 ☆
Kepada: elandafikri@yahoo.com

15-Oct-2022

Dear Dr. Elanda Fikri,

Recently, you agreed to review Manuscript ID IEAM-2022-301-OA, titled "Life Cycle Assessment of Urban Waste Management in Rasht, Iran." The manuscript is located in your Reviewer Center at <https://mc.manuscriptcentral.com/ieam>

This e-mail is simply a reminder that your review is due in one week.

GUIDANCE FOR REVIEW COMMENTS
Please review the manuscript in the context of its manuscript type. IEAM publishes critical reviews, original research, brief communications, policy analyses, case studies, and special series.

Manuscripts should focus on bridging the gap between scientific research and the application of science in decision making, regulation, and environmental management. They may include the natural and social sciences as well as the concepts, policies, and procedures that make science useful.

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Thank you for helping to maintain an expedited review process for IEAM. Please contact me with further questions.

Sincerely,
Dr. Andrea Hicks
Associate Editor, Integrated Environmental Assessment and Management
hicks5@wisc.edu



NOTIFIKASI UCAPAN TERIMA KASIH DARI PIHAK JURNAL (15 OKTOBER 2022, 22:14)

IEAM - Review received for Manuscript ID IEAM-2022-301-OA [email ref: ENR-SW-6-f] 3 Yahoo/Email M... ☆

Integrated Environmental Assessment and Management <onbehalf@manuscriptcentral.com> Sab, 15 Okt 2022 jam 22.14 ☆
Kepada: elandafikri@yahoo.com
Cc: ieam_editor@setac.org, hicks5@wisc.edu

15-Oct-2022

Dear Dr. Elanda Fikri,

Thank you for reviewing manuscript # IEAM-2022-301-OA titled "Life Cycle Assessment of Urban Waste Management in Rasht, Iran" for Integrated Environmental Assessment and Management (IEAM).

On behalf of the Editors and Editorial Board of IEAM, we appreciate the voluntary contribution that each reviewer gives to the journal. We thank you for your participation in the online review process and hope that we may call upon you again to review future manuscripts.

Sincerely,

Dr. Andrea Hicks
Associate Editor, Integrated Environmental Assessment and Management
hicks5@wisc.edu

NOTIFIKASI KEMBALI DARI PIHAK JURNAL (19 OKTOBER 2022. 05:24)


Jenny Shaw <jenny.shaw@setac.org> Rab, 19 Okt 2022 jam 05.24 ☆
Kepada: elandafikri@yahoo.com
Cc: Donna Frankel, Andrea Hicks

Hi Elanda,

Thank you for reviewing the manuscript below. You included the manuscript pdf (attached) with your review comments, but I do not see any additional comments from you in the pdf. Would you please check the attached pdf and let us know if it is the correct attachment? Or please confirm if you did not intend to attach a commented pdf.

Best,
Jenny Shaw, PhD
Managing Editor
Integrated Environmental Assessment and Management (IEAM)
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> Tampilkan pesan asli


IEAM-2022-... .pdf
388kB

JAWABAN NOTIFIKASI (20 OKTOBER 2022. 00:10)

 **Jenny Shaw** <jenny.shaw@setac.org>
Kepada: Elanda Fikri
Cc: Andrea Hicks, Donna Frankel

Kam, 20 Okt 2022 jam 00:10 ☆

Thank you for the clarification.


Best,
Jenny Shaw, PhD
Managing Editor
Integrated Environmental Assessment and Management (IEAM)
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> Tampilkan pesan asli



NOTIFIKASI HASIL REVIEW – “MAJOR REVISION” – 17 NOVEMBER 2022 – 03:20

IEAM - Decision for IEAM-2022-301-OA [email ref: DL-SW-3-b] Yahoo/Email M... ☆

 **Integrated Environmental Assessment and Management** <onbehalf@manuscriptcentral.com>
Kepada: ieam_editor@setac.org

Kam, 17 Nov 2022 jam 03:20 ☆

16-Nov-2022

Dear Reviewer,

Thank you for taking the time and making the effort to review the paper titled "Life Cycle Assessment of Urban Waste Management in Rasht, Iran" for Integrated Environmental Assessment and Management. A decision of 'Major Revision' has been rendered for the manuscript.

At the time a decision is made, as a courtesy, we like to share with you the comments of all reviewers that worked on this paper. Below you will see your own comments on this work, as well as the comments of others who participated in the review process.

Your participation in the peer-review process is critical to the journal's success and directly impacts the quality of the journal we publish. We appreciate your assistance with the evaluation of the manuscript and hope that we may contact you for assistance with future submissions falling within your areas of interest and expertise.

Congratulations and thank you for your support of IEAM. We look forward to your continued contributions.

Sincerely,
Dr. Andrea Hicks
Associate Editor
Integrated Environmental Assessment and Management (IEAM)

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HASIL REVIEW

Reviewer: 1

Comments to the Author

Minor Revision

1. The unit of function in the LCA assessment is not described in the study?
2. The limitations (system boundaries) of the LCA system in this study are not described
3. The scenarios made in this study did not refer to existing references.
4. LCI (Life Cycle Inventory) has not been added in this paper.
5. Monte Carlo Analysis has not been carried out in this paper

Reviewer: 2

Comments to the Author

This paper presents the results of waste management scenarios based on an environmental impact analysis using a LCA approach. Unfortunately, I am afraid I will not recommend to publish this paper in IEAM due to lack of scientific relevance. The IWM-1 model presents an inventory too old, more than 20 years late and not addressed to the region of this study. The LCA method used Ecoindicator 99 is also too old, being considered deprecated and not used anymore in current studies nor having any updates in characterisation factors. Ecoindicator was substituted by Recipe LCA method in 2006 and revised in RECIPE 2014. So, please I recommend not use Ecoindicator anymore and update results to RECIPE LCA method or another updated method like ImpactWorld+.

In addition, several studies addressed to present LCA results for waste management scenarios around the world were already published in the last 15 years. So, I think that only provide more studies in this respect will be quite hard to justify its scientific relevance to be published since this subject was already saturated in the last years. So, scientifically LCA studies in this subject must be more specific, addressed to new technologies or new process instead of only assess common scenarios technologies already largely previously published.

So, I recommend to send this paper to a conference.

Reviewer: 3

Comments to the Author

- Line:31-55: Add the significance and importance of LCA.
- Line 56-64: Add some new citations and share the results of LCA in Greece, China and Indonesia.
- Line 131-135: "These data include physical analysis of the waste.....technologies": Sources of waste and types of waste assessment are missing.
- Author should elaborate the result.
- Kindly add some new citations in the discussion and discussion is too generalize, so kindly specify the beginning of the discussion.
- Are there any standard limits for damage indices? If yes, then please add in the tables.



UCAPAN TERIMA KASIH & PEMBERIAN SERTIFIKAT REVIEWER (31 MARET 2023. 15:36)

Thank you for reviewing for Integrated Environmental Assessment and Management

Yahoo/Email M... ☆



Reviewer Certificate VI <reviewercertificates6@wiley.com>
Kepada: elandafikri@yahoo.com

Jum, 31 Mar jam 15:36 ☆

Dear Reviewer,

We would like to thank you for your review contributions to Integrated Environmental Assessment and Management.

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Kind regards,

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Reviewer Certificate

This certificate is awarded to

ELANDA FIKRI

for serving as a reviewer for

**Integrated Environmental Assessment and
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Integrated Environmental
Assessment and Management

Thank you for reviewing 1 manuscript in 2022

31 March 2023

Date

Sabine E Apitz

Editor-In-Chief