Gmail

Sisca Octarina <sisca_octarina@gmail.com>

Submit Article for IJSOC
5 pesan

Sisca Octarina <sisca_octarina@gmail.com>   24 Agustus 2023 14.17
Kepada: ijsocjournal@gmail.com

Dear
Editor International Journal of Science and Society (IJSOC)

We have read and used scientific articles published in IJSOC.
The performance of the IJSOC was excellent, and the published article helped us conduct research and write scientific reports.

I am Sisca Octarina, representing other authors from Sriwijaya University, Palembang, Indonesia.
We have completed a scientific article entitled "***Determining the Best Location for COVID-19 Vaccine Distribution in Palembang Using the Set Covering Problem Model and Greedy Heuristic Algorithm.***"

We hope this article can be published in the IJSOC because exciting findings in the scientific report can become new treasures in science, especially in health sciences.
We are willing to go through the review process following IJSOC standards.

Best Regards,

Sisca Octarina
Sriwijaya University, Palembang, Indonesia

📄 **IJSOC_Article_Sisca.doc**
771K

Itty Abraham <ijsocjournal@gmail.com>   25 Agustus 2023 12.45
Kepada: Sisca Octarina <sisca_octarina@gmail.com>

Dear

Sisca Octarina, et al.
Sriwijaya University, Palembang, Indonesia

The IJSOC Editorial Board has received the team article.
I appreciate the team's interest in IJSOC.

The team article will be processed according to the publication standards at IJSOC.
I beg you to be patient while waiting for the notification from the IJSOC Editorial Board.

Always check email because the correspondence is only via email.

Best Regards,

--

Itty Abraham
Editorial Board IJSOC
[Kutipan teks disembunyikan]

Sisca Octarina <sisca_octarina@gmail.com>   26 Agustus 2023 13.57
Kepada: Itty Abraham <ijsocjournal@gmail.com>

Dear
Editor International Journal of Science and Society (IJSOC)

Thank you for your response.
We are happy to wait for the next stage.

Sisca Octarina
Sriwijaya University, Palembang, Indonesia
[Kutipan teks disembunyikan]

Itty Abraham <ijsocjournal@gmail.com>   20 September 2023 10.22
Kepada: Sisca Octarina <sisca_octarina@gmail.com>

Dear

Sisca Octarina, et al.
Sriwijaya University, Palembang, Indonesia

Thank you for submitting the manuscript to IJSOC.

We have completed our evaluation, and the reviewers recommend reconsidering the manuscript following minor revisions. Please resubmit the revised manuscript by October 6th, 2023, or ask whether an alternate date would be acceptable. We invite you to send it back after addressing the comments below.

When revising the manuscript, consider carefully all issues mentioned in the reviewers' comments: outline every change made in response to their comments and provide suitable explanations for any remarks not addressed. Please also note that the revised submission may need to be reviewed.

To submit a revised manuscript, please log in as an author at this email, and navigate to the "Revision" folder.
IJSOC values team contribution, and I look forward to receiving the revised manuscript.

Editor and reviewer comments:
Reviewer #1:
1. **Clarity in Problem Formulation:** The article effectively introduces the Set Covering Problem (SCP) model, consisting of the Set Covering Location Problem (SCLP) and p-Centre Location Problem (p-CLP). However, to enhance clarity, provide a concise explanation of the decision variables and constraints employed in each sub-model. This will facilitate better understanding for readers unfamiliar with optimization models.

2. **Justification of Greedy Heuristic Algorithm:** While the use of the Greedy Heuristic Algorithm is mentioned, further clarification on why this specific algorithm was chosen for solving the SCP model is warranted. Discuss the algorithm's appropriateness for the problem context, its advantages, and any potential limitations. This will provide readers with insights into the rationale behind the algorithm selection.

3. **Validation and Sensitivity Analysis:** To strengthen the robustness of the findings, consider conducting a sensitivity analysis on key parameters used in the models. Additionally, incorporate a validation process to assess the accuracy and reliability of the identified optimal vaccine distribution sites. This will add credibility to the proposed locations and enhance the practical applicability of the study.

4. **Spatial Considerations:** The article briefly mentions the consideration of the separating distance between vaccine distribution sites in each sub-district. To enrich the spatial analysis, provide more details on how the separation distance was determined and its implications on the overall accessibility and efficiency of the vaccine distribution network. This will contribute to a more comprehensive evaluation of the proposed locations.

5. **Discussion on Policy Implications:** Expand the discussion to include potential policy implications of the identified optimal vaccine distribution sites. Address how the findings can inform decision-making for public health officials and policymakers in Palembang City. This will enhance the practical relevance of the study and highlight its potential impact on the community.

I hope you can make improvements as soon as possible and send
the revised article again via this email.
[Kutipan teks disembunyikan]

Sisca Octarina <sisca_octarina@gmail.com>   21 September 2023 16.42
Kepada: Itty Abraham <ijsocjournal@gmail.com>

Dear
Editor International Journal of Science and Society (IJSOC)

Thank you for the Editorial Board response to IJSOC.
We have read the revised instructions from the reviewers.
We will immediately correct the article according to the reviewers.

Best Regards,

Sisca Octarina
Sriwijaya University, Palembang, Indonesia
[Kutipan teks disembunyikan]

![Gmail logo] **Sisca Octarina <sisca_octarina@gmail.com>**

Revision Article for IJSOC

4 pesan

Sisca Octarina <sisca_octarina@gmail.com>   6 Oktober 2023 12.13
Kepada: Itty Abraham <ijsocjournal@gmail.com>

Dear
Editor International Journal of Science and Society (IJSOC)

Thank you for the patience of the IJSOC Editorial Board.
We were waiting for the revision of our article.

We have made improvements according to the reviewer's instructions.
We will be happy if there are still points that need to be improved again in the article.

The revised Article is Attached.

Best Regards,

Sisca Octarina
Sriwijaya University, Palembang, Indonesia

📄 **Revision1_IJSOC_Article_Sisca.doc**
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Itty Abraham <ijsocjournal@gmail.com>   25 Oktober 2023 15.54
Kepada: Sisca Octarina <sisca_octarina@gmail.com>

Dear

Sisca Octarina, et al.
Sriwijaya University, Palembang, Indonesia

Thank you for the team's efforts to make improvements to the article.
Based on the reviewers' considerations, the article has, at some point, increased.
However, the team has to improve on a few more points. Hopefully team are willing to do it.

Please follow the following revision instructions:
Reviewer #2:
1. **Incorporate Sensitivity Analysis Results:** Following the sensitivity analysis suggestion, explicitly present the results and their implications for the robustness of the proposed vaccine distribution sites. Discuss how variations in key parameters affect the optimal locations and whether the identified sites remain resilient under different scenarios. This will provide a more nuanced understanding of the model's stability.

2. **Consideration of Real-World Constraints:** Acknowledge and address any real-world constraints or limitations that might impact the practical implementation of the proposed vaccine distribution sites. Discuss factors such as infrastructure, transportation, and community acceptance, offering insights into how these constraints were considered in the model or how they could be mitigated in the decision-making process.

3. **Comparative Analysis with Existing Models:** To further validate the effectiveness of the SCP model and Greedy Heuristic Algorithm, consider a comparative analysis with existing models or methods used in similar studies. Discuss the advantages and disadvantages of the chosen approach in comparison to alternative methodologies, providing a broader perspective for readers and researchers in the field.

4. **Visualization of Results:** Enhance the presentation of results by including visual aids, such as maps or graphs, that illustrate the distribution of the optimal vaccine sites across Palembang City. Visualizations can significantly improve the reader's comprehension and interpretation of the findings, providing a clearer depiction of the proposed locations and their spatial relationships.

5. **Future Research Directions:** Conclude the article with a section on potential avenues for future research. Discuss any limitations not addressed in the current study and propose directions for refining the model or exploring related research questions. This will encourage further academic discourse and contribute to the continuous improvement of methodologies in the field of vaccine distribution optimization.

Articles that have been revised and please send them back via this email.

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Itty Abraham
Editorial Board IJSOC

Sisca Octarina <sisca_octarina@gmail.com>   26 Oktober 2023 16.12
Kepada: Itty Abraham <ijsocjournal@gmail.com>

Dear
Editor International Journal of Science and Society (IJSOC)

Thank you for your response.
We will be happy to revise the article according to these instructions.

Sisca Octarina
Sriwijaya University, Palembang, Indonesia
[Kutipan teks disembunyikan]

Sisca Octarina <sisca_octarina@gmail.com>   24 November 2023 17.54
Kepada: Itty Abraham <ijsocjournal@gmail.com>

Dear
Editor International Journal of Science and Society (IJSOC)

Thank you for the patience of the IJSOC Editorial Board.
We were waiting for the revision of our article.

We have made improvements according to the reviewer's two instructions.
We will be happy if there are still points that need further improvement in the article.

The revised Article is Attached.

Best Regards,

Sisca Octarina
Sriwijaya University, Palembang, Indonesia

📄 **Revision2_IJSOC_Article_Sisca.doc**
678K

MGmail   **Sisca Octarina <sisca_octarina@gmail.com>**

ACCEPTANCE LETTER

1 pesan

Itty Abraham <ijsocjournal@gmail.com>   27 Desember 2023 11.53
Kepada: Sisca Octarina <sisca_octarina@gmail.com>

Dear Author(s)
**Sisca Octarina, Adik Ahmadi, Dian Wahyuni, Mazida Ulandari, Fitri Maya Puspita, Evi Yuliza
& Putra BJ Bangun**

Warm Greetings!

ACCEPTANCE LETTER

It's a great pleasure to inform you that, after the peer review process, the ***"Determining the Best Location for COVID-19 Vaccine Distribution in Palembang Using the Set Covering Problem Model and Greedy Heuristic Algorithm"*** team article has been accepted for publication in the IJSOC Regular Issue 2024. Please make a payment publication fee.

Thank you for submitting the paper to this journal. We hope to receive it in the future too.

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Itty Abraham
Editorial Board IJSOC

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