

BUKTI KORESPONDENSI ARTIKEL JURNAL

Judul artikel : IMPACT OF WINDOW-TO-WALL RATIO, GLASS REFLECTANCE, AND SURFACE REFLECTANCE ON INDOOR ILLUMINANCE: A SIMULATION STUDY USING DIALUX

Jurnal : ARSITEKNO, VOL 12 NO 1 MARET 2025

Penulis : Aris Budhiyanto

No	Perihal	Tanggal
1	Bukti konfirmasi submit artikel	31 Agustus 2024
2	Bukti konfirmasi hasil review pertama	23 September 2024
3	Bukti konfirmasi konfirmasi artikel accepted	6 November 2024
4	Bukti permintaan proofread	22 April 2025
5	Bukti proofread selesai	22 April 2025

1. Bukti konfirmasi submit artikel

31 Agustus 2024



[ARJ] Submission Acknowledgement

1 pesan

Erna Muliana <publikasi-ilmiah@unimal.ac.id>
Kepada: Aris Budhiyanto <arisb@petra.ac.id>

31 Agustus 2024 pukul 17.17

Aris Budhiyanto:

Thank you for submitting the manuscript, "IMPACT OF WINDOW-TO-WALL RATIO, GLASS REFLECTANCE, AND SURFACE REFLECTANCE ON INDOOR ILLUMINANCE: A SIMULATION STUDY USING DIALUX" to Arsitekno. With the online journal management system that we are using, you will be able to track its progress through the editorial process by logging in to the journal web site:

Manuscript URL:

<https://ojs.unimal.ac.id/index.php/arsitekno/author/submission/18544>

Username: aris88

If you have any questions, please contact me. Thank you for considering this journal as a venue for your work.

Erna Muliana
Arsitekno

Arsitekno
arsitekno@unimal.ac.id
<http://ojs.unimal.ac.id/index.php/arsitekno>

2. Bukti konfirmasi hasil review pertama

23 September 2024



[ARJ] Editor Decision

1 pesan

Atthaillah Atthaillah <publikasi-ilmiah@unimal.ac.id>

23 September 2024 pukul 19.17

Kepada: Aris Budhiyanto <arisb@petra.ac.id>

Cc: arsitekno@unimal.ac.id, atthaillah@unimal.ac.id

Aris Budhiyanto:

We have reached a decision regarding your submission to Arsitekno, "IMPACT OF WINDOW-TO-WALL RATIO, GLASS REFLECTANCE, AND SURFACE REFLECTANCE ON INDOOR ILLUMINANCE: A SIMULATION STUDY USING DIALUX".

Our decision is: Revisions Required

Revision Due: 23 October 2024

Please refer to the comments from the reviewer at the bottom of this email. It is imperative that you respond to each comment from the reviewer. Please improve the weak point of the manuscript as highlight by the reviewer score. Please highlight the revision made in your revised manuscript.

If you need further assistance, please do not hesitate to contact me

Dr. Atthaillah

Architecture Program, Universitas Malikussaleh

atthaillah@unimal.ac.id

Reviewer 1 comments:

This study aims to investigate the impact of window design and the reflectance of interior surfaces on the dispersion of light within buildings. While the idea can be of interest, the methods and results shall be presented with more details.

For example: the window position should be presented in section and elevation views. The sky model should be described, together with the assumed date and time.

Where is the position of the sensor points on the work plane? How many points are there?

The input variables are their ranges should be put in a table.

It is very uncommon to state the glass (glazing) reflectance; it is more common to use the glazing visible transmittance (VT or Tvis), since the main purpose of glazing on facades is to transmit visible light, and not to reflect light.

The results and analysis should be expanded to give more insights on the problem.

The isolux contours for some combinations should be provided. How about the uniformity of the data in each combination?

Figure 2 indicates quite linear relation between the average illuminance and each of the input variables. So why in the end all variables are transformed into log variables? Ref. 15, which is cited to support the logarithmic transformation, has nothing to do with lighting simulation and thus cannot be referred without understanding the physical phenomena.

Figure 2 should also show the point of the baseline scenario. In other words, when all input variables are set to baseline scenario, what is the average illuminance?

Discussion should be provided before the Conclusion section.

Minor comments:

p-values cannot be below 0.000, because below zero means negative. It also cannot be exactly zero, although can be very small. In that case, it is better to write $p < 0.001$.

The following are score to every point given by the reviewer to the manuscript (in scale of 5).

- Topic: Good
- Abstract: Good
- Goal: Good
- Structure: Good
- Methods and Tools: Weak
- Discussion & Conclusion: Weak
- Literature: Weak
- Author's Knowledge: Good
- Length: Good
- Figures & Tables: Weak
- Writing Style: Weak

Arsitekno

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3. Bukti konfirmasi artikel accepted

6 November 2024



[ARJ] Editor Decision

2 pesan

Atthaillah Atthaillah <publikasi-ilmiah@unimal.ac.id>
Kepada: Aris Budhiyanto <arisb@petra.ac.id>
Cc: arsitekno@unimal.ac.id, atthaillah@unimal.ac.id

6 November 2024 pukul 21.12

Aris Budhiyanto:

We have reached a decision regarding your submission to Arsitekno, "IMPACT OF WINDOW-TO-WALL RATIO, GLASS REFLECTANCE, AND SURFACE REFLECTANCE ON INDOOR ILLUMINANCE: A SIMULATION STUDY USING DIALUX".

Our decision is to: Accept Submission

Kindly ensure that you complete the metadata for your submitted manuscript in Arsitekno OJS.

Dr. Atthaillah
Architecture Program, Universitas Malikussaleh
atthaillah@unimal.ac.id

Arsitekno
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<http://ojs.unimal.ac.id/index.php/arsitekno>

Aris Budhiyanto <arisb@petra.ac.id>
Kepada: Atthaillah Atthaillah <publikasi-ilmiah@unimal.ac.id>

7 November 2024 pukul 11.14

Dear Dr. Atthaillah
Editor Arsitekno

Thank you for the acceptance of my submission.
Could you inform me about the metadata needed for my manuscript, as I have no idea how to do the process.
Thank you.

Regards,
Aris Budhiyanto

[Kutipan teks disembunyikan]

4. Bukti permintaan proofread

22 April 2025



[ARJ] Proofreading Request (Author)

1 pesan

Atthaillah Atthaillah <publikasi-ilmiah@unimal.ac.id>

22 April 2025 pukul 08.47

Kepada: Aris Budhiyanto <arisb@petra.ac.id>

Cc: arsitekno@unimal.ac.id

Aris Budhiyanto:

Your submission "IMPACT OF WINDOW-TO-WALL RATIO, GLASS REFLECTANCE, AND SURFACE REFLECTANCE ON INDOOR ILLUMINANCE: A SIMULATION STUDY USING DIALUX" to Arsitekno now needs to be proofread by following these steps.

1. Click on the Submission URL below.
2. Log into the journal and view PROOFING INSTRUCTIONS
3. Click on VIEW PROOF in Layout and proof the galley in the one or more formats used.
4. Enter corrections (typographical and format) in Proofreading Corrections.
5. Save and email corrections to Layout Editor and Proofreader.
6. Send the COMPLETE email to the editor.

Submission URL:

<https://ojs.unimal.ac.id/index.php/arsitekno/author/submissionEditing/18544>

Username: aris88

Dr. Atthaillah

Architecture Program, Universitas Malikussaleh

atthaillah@unimal.ac.id

Arsiteknoarsitekno@unimal.ac.id<http://ojs.unimal.ac.id/index.php/arsitekno>**18544-56110-1-PB.pdf**

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5. Bukti proofread selesai

22 April 2025



[ARJ] Proofreading Completed (Author)

1 pesan

Aris Budhiyanto <publikasi-ilmiah@unimal.ac.id>
Kepada: Atthaillah Atthaillah <atthaillah@unimal.ac.id>

22 April 2025 pukul 19.47

Atthaillah Atthaillah:

I have completed proofreading the galley for my manuscript, "IMPACT OF WINDOW-TO-WALL RATIO, GLASS REFLECTANCE, AND SURFACE REFLECTANCE ON INDOOR ILLUMINANCE: A SIMULATION STUDY USING DIALUX," for Arsitekno. The galley is now ready to have any final corrections made by the Proofreader and Layout Editor.

Aris Budhiyanto

Arsitekno

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<http://ojs.unimal.ac.id/index.php/arsitekno>



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