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The Impact of Light Intensity on the Subjective Complaints of Librarians and Users: an Investigation of an Academic Library



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### Submission Metadata

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Title	The Impact of Light Intensity on the Subjective Complaints of Librarians and Users: an Investigation of an Academic Library
Authors	Tri Niswati Utami, Universitas Islam Negeri Sumatera Utara Medan; Retno Sayekti, Universitas Islam Negeri Sumatera Utara Medan; and Triana Santi, Universitas Islam Negeri Sumatera Utara Medan
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Citation	- empty -
Comments	- empty -
Abstract	The objective of this study is to analyze the impact of light intensity on the subjective complaints of librarians and visitors at an academic library. This research applied both quantitative and qualitative techniques to 696 visitors and librarians. The result suggests that the effects of light intensity include eyestrain, reading difficulty, dizziness, shoulder and back pains, as well as impaired concentration. Also, the frequency of reading and working impacted the subjective complaints. Furthermore, the intensity as well as the frequency of reading and working greatly influenced the subjective complaints. Based on the qualitative analysis, the development of light concepts and room design significantly influenced the comfort level. Therefore, the negative impact of lighting is exacerbated by the increasing frequency of reading and working. However, library room designs greatly contribute to the comfort level of librarians and visitors.
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BUKTI Diterima 17 September 2021

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Mary Bolin <editor-libphilprac-11922-2370615@dcunl.bepress.com> 19.58 (1 jam yang lalu) ★ ↶ ⋮

kepada saya, The ▼

Dear Tri Niswati Utami, Retno Sayekti, and Triana Santi,

Congratulations! We are pleased to inform you that your article has been favorably reviewed and will appear in Library Philosophy and Practice. LPP has a cumulative yearly volume. Your article will be published immediately

Thanks for your interest in LPP.

Sincerely,  
Mary Bolin

Mary K. Bolin, PhD  
Professor Emeritus  
University of Nebraska-Lincoln Libraries  
Lincoln NE 68588-4100  
[mbolin2@unl.edu](mailto:mbolin2@unl.edu)

Windows taskbar: 26°C Berawan, 21.17, 17/09/2021



## Publication Year: 2021

[Overview](#)

## Highlights

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The objective of this study is to analyze the impact of light intensity on the subjective complaints of librarians and visitors at an academic library. This research applied both quantitative and qualitative techniques on 696 visitors and librarians. The result suggests that the effects of light intensity include eyestrain, reading difficulty, dizziness, shoulder and back pains, as well as impaired concentration. Also, the frequency of reading and working impacted the subjective complaints. Furthermore, the intensity as well as the frequency of reading and working greatly influenced the subjective complaints. Based on the qualitative analysis, the development of a lighting design for academic libraries is suggested.

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Administrators of Library Philosophy and Practice (e-journal)

<editors-libphilprac-11922@dcunl.bepress.com>

kepada saya, Triana, The

Jum, 17 Sep 20.46

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Dear Tri Niswati Utami, Retno Sayekti, and Triana Santi,

Your submission "The Impact of Light Intensity on the Subjective Complaints of Librarians and Users: an Investigation of an Academic Library" (MS #11922) has been posted to Library Philosophy and Practice (e-journal).

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Thank you,

The Editors

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trinis watiutami

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kepada Administrators

Thank you editor

Jum, 17 Sep 23.00

Balas

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