

Title: Influence of open-source software on Bangladesh academic library service sustainability: a conceptual framework

Author: Nur Ahammad; Farrah Diana Saiful Bahry; Haslinda Hussaini

Abstract: This research aims to develop a conceptual framework that explores the influence of open-source software (OSS) on the sustainability of library services within the context of academic libraries in Bangladesh. The study uses a comprehensive research methodology that includes literature review and analysis to construct a robust conceptual framework. This study investigates the various dimensions of OSS adoption and its impact on library service sustainability. The research findings reveal the critical factors and mechanisms through which OSS can positively affect the sustainability of library services. This study identifies key drivers and challenges associated with the adoption of open-source solutions in the context of Bangladesh academic libraries. The framework developed in this research offers practical insights for academic libraries in Bangladesh seeking to adopt OSS solutions. This study guides how to leverage these technologies to enhance the sustainability of library services in a cost-effective and efficient manner. This study contributes to the academic literature by presenting a novel conceptual framework tailored to the unique context of Bangladesh academic libraries. This study adds value by addressing the specific challenges and opportunities related to OSS adoption and its implications for library service sustainability in this region.

Keywords: Sustainability, Sustainable digital library, Sustainable library, Sustainable library automation software, Sustainable library services, Sustainable library software, Open-source sustainability

DOI: <https://doi.org/10.1108/JICES-11-2023-0140>

<https://www.emerald.com/jices/article/22/3/293/1233145/Influence-of-open-source-software-on-Bangladesh>