



# KARATINA UNIVERSITY

*Inspiring Innovation and Leadership*

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**Dr. Hellen M. Ndegwa Profile**

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**Biography**

Dr. Hellen M. Ndegwa (PhD, LIS) is a dedicated scholar and lecturer in the School of Computer Science and Informatics, Department of Informatics and Innovation at Karatina University, with over 13 years of experience in teaching and mentoring students in information sciences and knowledge management. Her academic and professional expertise spans institutional repositories, digital preservation, collection development, research methods, information literacy, community informatics, cataloguing, web-based information retrieval systems, and indexing. She has contributed to curriculum development and the integration of emerging technologies into teaching, ensuring that learners acquire practical competencies aligned with contemporary digital information environments. She is passionate about advancing equitable access to knowledge through innovative digital solutions and community-centered information services that support education, research, and development. Her work reflects a strong commitment to improving information management practices and empowering communities through the strategic use of information and communication technologies.

**Academic Qualifications**

1. Bsc Information Science (Moi University)
2. MsC LIS (Moi University)
3. PhD LIS (Moi University)

**Professional Qualifications**

1. Professional Qualifications 2

**External Links/Affiliations**

1. Member : Association for Library and Information Science Education (ALISE)  
Research profile links
2. <https://www.researchgate.net/profile/Hellen-Ndegwa-2>
3. <https://scholar.google.com/citations?user=rX0POOUAAAAJ&hl=en>
4. <https://orcid.org/my-orcid?orcid=0000-0003-3870-9659>

**Journal publications**

1. Ndegwa H & Kuchma I. Repositories transforming scholarly communication: an Insights special collection. Insights, 2024, 37: 9, 1–4; DOI: <https://doi.org/10.1629/uksg.665>
2. Ndegwa, H.M., Bosire, E. & Odero, D. (2022). Evaluating Institutional Repositories (IR) capabilities for long-term preservation with a focus on content, file format and metadata

practices in selected public university libraries in Kenya. *Library Philosophy and Practice* (e-journal). 7114. <https://digitalcommons.unl.edu/libphilprac/7114>

3. Ndegwa, H.M., Bosire, E. & Odero, D. (2022). The status of the digital preservation policies and plans of the institutional repositories of selected public universities in Kenya. *UKSG Insights*. 35(21). DOI: 10.1629/uksg.590
4. Ndegwa H.M. & Gitau JN. (2022). Digital preservation practices for Institutional Repositories (IRs) of Universities in Kenya. *Am J Multidiscip Res Dev.*; 4(12): 1–8.
5. Ndegwa, Hellen M. (2023). Efficacy of digital preservation practices in Institutional Repositories (IRs) of selected public universities in Kenya (PHD thesis)

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**Conference publications**

1. Institutional repositories: catalyst for research in Kenyan universities-KeMU Research conference presentation 2012
  2. E-resources successes and challenges: The KeMU experience paper presented at the KLA conference 2014.
  3. Harnessing Artificial Intelligence for Sustainable Collection Development in Academic Libraries in Kenya- International Conference on Sustainable Knowledge Systems Karatina University, Kenya; 2025
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