

# **On open access, institutional repositories, reproducibility, and plagiarism: Librarians and information professionals' perspectives and roles on open science.**

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## **Abstract**

Digital libraries and institutional repositories (IR) were identified to be important and primary tools in the open access movement. Libraries and information centers were at the forefront of providing and advocating free access as well as addressing the permission barrier, taking the role of designers, promoters, and maintainers of IR. Librarians and information professionals must address the challenges between journal subscriptions, pricing crises, article processing charges for authors, predatory publishing, plagiarism, reproducibility, ethics, and scholarly communication with the open access (OA) movement. This paper will share some insights into issues we encountered as we advocate this movement. A review of the literature and news articles related to OA, IR, and reproducibility was conducted. A particular case study of a library advocating OA through establishing an IR and its use of the Request Copy Button will be presented. How it provided access to publicly funded research will be highlighted. Lastly, the perceived roles of librarians and information professionals in open science will be discussed.

## **Keywords:**

Open Access, Institutional Repositories, Reproducibility, Plagiarism, Open Science, Role of Librarians