The combined RDS and RDM Lifecycle Model in Academic Libraries

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In today's research landscape, the desire to acquire and analyze more data keeps on growing, these changes amongst others has led academic libraries to focus more on reshaping their services to meet the new needs of their research communities in terms of data management. This has required reflecting on the requirements and the challenges to face in developing and dealing with new services, namely research data services (RDS). Several researches have examined and discussed whether academic libraries have the ability to implement and manage RDS, as research data management (RDM) has become a "strategic priority" for universities7,8 and academic libraries.

This research explores research data services (RDS) in academic libraries through investigating models used for RDS and RDM management and the literature discussing the feasibility and requirements of operating RDS in academic libraries. Using theoretical analysis 18 models were investigated and through qualitative content analysis, the content of two websites was analyzed as a lens to examine the current situation of RDS in academic libraries and detect the pattern of change in terms of functions and their importance for the last two decades. Two major issues were concluded through this research: the lack of standardization of models, and the insufficient number of research surveys about the situation of academic librarians who are working within RDS.

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