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Title:	Research Data Management Policy and Institutional Framework
Authors:	Monu, H. (/jspui/browse?type=author&value=Monu%2C+H.)
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Issue Date:	2018
Publisher:	Institute of Electrical and Electronics Engineers Inc.
Citation:	IEEE 5th International Symposium on Emerging Trends and Technologies in Libraries and Information Services, ETTLS 2018, pp. 111-115
Abstract:	<p>Data created from research is a valuable resource and usually requires much time and money to be produced. Research data is the data that is collected, observed, or created for purposes of analysis to produce original research results. Research data has significant value in responsible research, which refers to the ability to justify conclusions on the basis of the data acquired and generated through research and that is furnished to other researchers for scrutiny and/or verification. This data can be used and reused for future scientific and educational purposes. Research data management is becoming increasingly important and it is beneficial for the institutions as well as for the researchers. It helps institutions to increase impact and visibility of their research and simultaneously helps researchers to keep their data secure, improve the opportunities for collaboration for further research, more research publications and increased citations. This paper discusses some of the key issues related to research data management, roles and responsibilities of the institutions as well as the research scholar, cost and infrastructure, data sharing policies, legal and ethical issues, copyright issues, etc. An attempt has been made to depict and present suitable policies with a policy framework. Work flow chart with adoption of best practices in RDM is given, that will boost the research process in an organisation. The main objective of this paper is to provide suggestions and recommendations for successful research data management based on some of the best practices and principles of RDM adopted by the institutions worldwide.</p>
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