

Challenges and opportunities to connect the research library to eSCIENCE: a summary in progress

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Facing the deep changes that scientific research has undergone in recent decades, a discussion is needed within the library science and research community: how libraries can realign to cope with these global changes, especially the ones arising from new scientific paradigm grounded on the generation, intensive use and sharing of data. In this sense, this research aimed to discuss possible responses to what can be expected from the future of research libraries in the eScience environment. To this end, the study was divided into two parts. At first, using as methodology the literature of the field, it discusses the main forces that affect research libraries triggered by the advance of digital technologies such as the emergence of new ways of doing science, changes in the standards of academic publishing and scientific communication, the availability of free and quality information on the web and the emergence of new competitors to the library in providing information for research. In the second part, the paper analyzes the elements that should be thought of in proposing a new research library model inserted in the new research virtual environments. It concludes that, despite the changes that are configured at this time for librarians meaning the end of some secular cycles, it also opens up numerous opportunities for the renewal of research libraries placing them at a higher level in the world of contemporary science. To know more about this research you can read the full articles bellow.

References

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