

Towards a Galician Data Commons

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Abstract: Development in information and communications technologies is transforming the natures and scale of research and education in the way that they have become increasingly data-intensive. The ease with which digital data can be stored, disseminated, and accessible to secondary users via science infrastructures means that institutions embrace the benefits of sharing of research data to increase its impact and visibility.

The research community of Galicia needs to establish a policy that ensures that data and research derived from publicly-funded research should be available and accessible for public use. Treating to provide a framework for developing good practice to all research community from Galicia (universities, research institutions, libraries, researchers and research founders) we prepare some principles reinforced with a number of programs to disseminate it, taking account the need for sensitivity to issues related to access, integrity, transparency, professional responsibility, interoperability, protection of intellectual property, and ultimately understand that long term preservation of digital material is the central problem for e-science.

In this work we move on several fronts: our acceptance of the principles of access and sharing of research data established by the Organization for Economic Cooperation and Development (OECD), the commitment to long-term preservation thought the use and implementation of the Standard Reference Model for an Open Archival Information System (OAIS), we insist in a good data management policy according with the data lifecycle, working close to this stage where we define roles and responsibilities of the different stakeholders in the process.

Since our community is at different levels of work at local, national and international it claims cost models that balance the high cost resources digital preservation consume. Based on the different levels of collection established by the National Science Foundation (NSF) we work with the recommendations and best practices of the Blue Ribbon Task Force on Sustainable Digital Preservation and Access, and the ongoing models. Keeping Research Data Safe (I,II).

About the author:

Lourdes Perez Gonzalez is a senior librarian at the University of Santiago de Compostela. With a Master's Degree in Contemporary History, since the mid-1990s I have been working as professor of Hispanic culture in Madrid during the Summer Programs at the State University of Oswego NY.

In 1996 I started working as a librarian for the University of Coruña first, and then to Santiago de Compostela, where I work today. I have conducted research related to the old collections of the University of Santiago de Compostela and digital information and needs of access.