A l'occasion de la visite de Madame Heather MOULAISON-SANDY, Associate Professor, The iSchool at the University of Missouri, Professeure invitée à l'UDL (Département SID et Geriico) du 15 octobre au 22 octobre 2022.
Elle donnera une conférence sur :

Data and metadata in the era of open science: FAIR data principles and practices

L'Axe 4 Geriico organise ce séminaire le 20 octobre (16h30-18h00) en présentiel en Salle des Conseils, Université de Lille SHS Campus Pont de Bois

En distanciel sur le lien zoom suivant : https://univ-lille-fr.zoom.us/j/99661420444?pwd=dnBLWWRhZUtKaFdSVG0wMm1sZzIzdz09
ID de réunion : 996 6142 0444
Code secret : 329830

Université de Lille

Gériico

SUMMARY/RÉSUMÉ

Data and metadata in the era of open science: FAIR data principles and practices

Données et métadonnées à l'ère de la science ouverte : Principes et pratiques des données FAIR

To advance many frontiers of science, research data must be shared across the borders of both disciplines and countries, among the various organizations, institutions, and research teams that often stretch around the globe. In this internationally distributed and multidisciplinary environment, open science requires data that are discoverable and reusable in conjunction with the FAIR Data Principles (https://www.go-fair.org/fair-principles/).
These principles serve to guide the understanding of how data will be created, stored, described, and made available – data, metadata, and meta-metadata. FAIR approaches emphasize and support data sharing practices that could support machine-actionability in finding and using data in the same manner that a human would but with different scope, scale, and speed. Data management plans (DMPs) serve to address the what, how, who, and where of data management by formally outlining the roles, responsibilities and activities for managing data during and after research in alignment with FAIR.

This research presentation examines the FAIR approach to data sharing as a fundamental aspect of the scholarly communication process, but one that can be enriched by an examination through the lens of organization of information. Drawing from published and in-process research, I explore 1) the requirements for FAIR data sharing, 2) their potential for application to a library standard, 3) what is and what can be meant by data/metadata in the research context, and 4) how data management plans have the potential to support FAIR access to research data going forward.

SHORT BIO

Heather Léa MOULAISON-SANDY holds a PhD in information science from Rutgers University, USA. Her MSLIS is from the University of Illinois, Urbana-Champaign, USA. She also holds a Masters in Interdisciplinary French Studies from Illinois.

She is currently Associate Professor and Director of Graduate Studies, the iSchool at the University of Missouri, USA. MOULAISON-SANDY studies organization of information in digital environments, focusing on contexts relevant to scholarly communication and academic libraries.

She is a founding member of the Data, Science, and Society research group at the iSchool, In her recent work she has looked at implications for authorship and research data management in scholarly communication, including aspects relevant to open science and transparency in the scholarly record. Methodologies relating to this research stream include content analysis of a corpus of articles to create a multi-disciplinary thesaurus of questionable authorship practices, conceptual analysis of the notion of "data" in LIS scholarship, conceptual analysis of the MARC metadata standard, bibliographic analysis of scholarship on autism and VR-based therapies, content analysis of data management plans, and the analysis of quid-pro-quo authorship practices using a text mining approach.

 MOULAISON-SANDY has also been active with a multi-site research group focusing on catalog use and users from marginalized groups as a way of promoting social justice and DEI in library-based retrieval tools. Methodologies have included the textual analysis of three relevant vocabularies and funded research interviewing LGBTQ+ catalog users about controlled vocabulary terminology. She has published over 50 articles in the LIS literature (most recently in LISR, JDoc, portal, Library Quarterly, CCQ, and Library Trends), and has co-authored or co-edited three books.