

DCMI Education Committee 2024 Report

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Abstract

The DCMI Education Committee coordinates activities and publications that teach and inform users about current developments and technologies for metadata. Currently it has five Task Groups, focusing on metadata professional development, metadata and AI, metadata standards, best practices on metadata creation and management, and a special DCMI Education Website.

Keywords

DCMI, metadata education

1. Introduction

The DCMI Education Committee ¹ coordinates activities and publications that teach and inform users about current developments and technologies for metadata.

Currently, the committee has 22 members from 17 countries in Asia, Africa, North America, South America, Europe, and Oceania. The committee adjusted the Task Groups (TGs) established in the previous three years and made a new TG (TG2) for Metadata and AI in 2024.

2. Task Groups

TG1, Metadata Professional Development, held three webinars in 2024:

- AI & NLP for Open-Source Archival Linked Data Workflows
- Metadata in Scholarly Research
- The Duality of Provenance Metadata, which had 360 pre-registrants

An upcoming webinar will report a LGBTQ+ Catalog Users project in December 2024. TG1 is directly involved in the Dublin Core Academy ² launched in October 2024.

- Karen Wickett (University of Illinois, United States) - Chair
- Inkyung Choi (OCLC) - Tutorials sub-group Chair


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¹DCMI Education Committee: <https://www.dublincore.org/groups/education-committee/>

²Dublin Core Academy: <https://academy.dublincore.org/>

- Gema Bueno de la Fuente (University of Zaragoza, Spain)
- Jennifer Campbell-Meier (Victoria University of Wellington, New Zealand)
- Elisa Cerveira (Universidade do Porto, Portugal)
- Jun-Zhi Jia (Renming University, China)

TG2, Metadata and AI, first studied and identified metadata-related topics, tools, and tasks from literature by the topic modeling approach since its establishment in 2024. The TG created a Metadata and AI Survey and released it in early October 2024 in English, Spanish, Portuguese, Chinese (both simplified and traditional), and French on the web.³ The survey is pre-tested by all members of the Education Committee who are also distributing it in various countries and regions in the world. The survey has these themes: Metadata Tasks and AI Applications; Potential Benefits, Challenges, and Concerns of Implementing AI in Metadata; and Future Impact of AI on Metadata Creation and Management. The TG will organize webinars on Fundamentals of Metadata and AI based on the survey and continuing study.

- Francisco Carlos Paletta (University of São Paulo, Brazil) - Chair
- Ying-Hsang Liu (Uppsala University, Sweden) - Co-Chair
- Magnus Pfeffer (Stuttgart Media University, Germany)
- Yunhyong Kim (University of Glasgow, Scotland, UK.)
- Gila Prebor (Bar Ilan University, Israel)
- Humphrey Kombe Keah (RightPoint Information Services Limited, Kenya)
- Imma Subirats (Food and Agriculture Organization of the United Nations)

TG3, Updates on Metadata Standards and Revisions, focuses on the new standards and revisions released in the 2020s.⁴ The “Current Standards” section provides metadata resources for the following items: General Purpose; Cultural Objects and Visual Resources; Research Data; Archives, Preservation, Provenance; and Publishing and Press Communications, plus the Standardized Schemes, Guidelines, and other Special Resources. The “New & Notable Developments” section brings the important new actions for (meta)data by the official international standards, best practices guidelines, and initiatives by societies across regions in the world. The range of the areas is wide and deep, for example, covering those in data documentation (for those produced by surveys and other observational methods in the social, behavioral, economic, and health sciences), web accessibility, data privacy, climate and forecast metadata convention, interchange of cultural heritage information, etc. It also provides the ones by ISO/IEC JTC 1/SC 42 Artificial intelligence.

- Marcia Zeng (Kent State University, United States) - Chair
- L.P. Coladangelo (Kent State University; Digital Scriptorium, United States)
- Wei Fan (Sichuan University, China)

³Metadata and AI Survey of DCMI Education Committee: <https://tinyurl.com/4b3s24dd>

⁴Metadata Standards Updates (2020s) & Resources: <https://nkos.dublincore.org/Metadata-standards.html>

TG4, Best Practices on Metadata Creation and Management, organized an International Seminar on Database Integration using Dublin Core at the BBM (Biblioteca Brasileira Guida e José Mindlin) Digital Library in Brazil in June 2024, with over 160 participants. The TG plans to organize some online awareness sessions on “Fundamentals of Metadata” and “Role of DCMI in LAM” with the collaboration with the National Library of Sri Lanka and the National Institute of Library and Information Sciences, University of Colombo. The focus groups of the webinar are the librarians, archivists, information professionals, and LIS students. Another tutorial will be focusing on the strategies of utilizing Dublin Core at the National Library of Brazil. A course on Fundamentals of Metadata is in development with the aim to be adopted by any interested University.

- Francisco Carlos Paletta (University of São Paulo, Brazil) - Chair
- Chiranthi Wijesundara (University of Colombo, Sri Lanka) - Co-Chair

TG5, DCMI Education Website, is dedicated to the upcoming DCMI Education website, serving as a valuable resource for metadata education and training. Blogs contributed by the committee members are available in its draft website.⁵

- Nishad Thalath (University of Tsukuba, Japan; DCMI) - Chair
- Catherine Barnes (University of South Australia, Australia)
- Farrah Diana Saiful Bahry (University Teknologi MARA, Malaysia)

3. Conclusion

The Education Committee, with five Task Groups, has been coordinating activities and publications that teach and inform users about current developments and technologies for metadata. The committee members have also been contributing to the DCMI annual conferences by leading the Students Forum, which aims to provide an opportunity for master’s and doctoral students to share their experiences and exchange ideas of best practices, research in progress, and findings in areas related to metadata innovation and other special sessions related to education. Panel organization, session moderation, and paper reviews are also contributed by the Education Committee members for DCMI annual conferences.

The Committee will continue the activities through the studies made by the TGs and contributed by the whole community. It will continue to organize webinars and tutorials for audiences ranging from newcomers to experts, including teachers of metadata in both academic and professional settings.

⁵DCMI Education Committee Drafts: <https://dcmi.github.io/education/>