

# LUCE SUMMER INSTITUTE

## Metadata for Digital Information Organization

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### Course Description:

Metadata and its role in providing control and access to digital information. Current metadata schema are reviewed and the process of identifying appropriate metadata for a digital collection is explored, as well as technical and administrative issues in implementing a metadata schema.

### Course Outline:

- Introduction to metadata
- Content standards and metadata schema
- Metadata syntax.
- Implementing and managing metadata
- Metadata crosswalks and mappings
- A case study of digitization of Modern Chinese Studies

### Discussion Questions:

- What is metadata? What are the categories and types of metadata? Why there are different understanding of metadata and the types of metadata?
- What is the role of metadata in organizing digital resources and providing access to them?
- What is the role of markup and content standards in implementing metadata schema?
- What is the role of librarians in metadata selection, creation and implementation for digital resources?
- Does the MARC format have a place in the new information age? Will MARC survive?

### Readings

Caplan, Priscilla. *Metadata Fundamentals for All Librarians*. Chicago: American Library Association, 2003.

Gilliland-Swetland, Anne J. Setting the stage. In Murtha Baca (Ed.) *Introduction to Metadata*. (2000)

[http://www.getty.edu/research/institute/standards/intrometadata/2\\_articles/index.html](http://www.getty.edu/research/institute/standards/intrometadata/2_articles/index.html)

## Useful Links:

Administrative Dublin Core (A-Core) Element

<http://dublincore.org/groups/admin/proposal-20010910.shtml>

Dublin Core Metadata Initiatives. <http://dublincore.org/>

Element Set: <http://dublincore.org/documents/dces/>

Overview of Documentations: <http://dublincore.org/documents/dcmes-qualifiers/>

Library Application Profile: <http://dublincore.org/documents/library-application-profile/>

FAQ: <http://dublincore.org/resources/faq/>

Using Dublin Core: <http://dublincore.org/documents/usageguide/>

Encoded Archival Description (EAD). <http://lcweb.loc.gov/ead/>

Geospatial Metadata Standards. [http://www.fgdc.gov/metadata/meta\\_stand.html](http://www.fgdc.gov/metadata/meta_stand.html)

Gateway to Educational Materials (GEM). <http://www.geminfo.org/>

Glosaary. In M. Baca (Ed.), *Introduction to Metadata: Pathways to Digital Information*, (2000).

[http://www.getty.edu/research/conducting\\_research/standards/intrometadata/4\\_glossary/index.html](http://www.getty.edu/research/conducting_research/standards/intrometadata/4_glossary/index.html)

<indec> Framework Ltd. <http://www.indec.org/>

IFLA Digital Libraries: Metadata Resources. <http://www.ifla.org/II/metadata.htm>

MARC 21 XML Schema. <http://www.loc.gov/standards/marcxml/>

METS Metadata Encoding & Transmission Standard. <http://www.loc.gov/standards/mets/>

MODS Metadata Object Description Schema. <http://www.loc.gov/standards/mods/>

ONIX International. <http://www.editeur.org/onix.html>

Open Archives Initiative. <http://www.openarchives.org/>

PREMIS (PREservation Metadata: Implementation Strategies).

<http://www.oclc.org/research/projects/pmwg/default.htm>

Text Encoding Initiative. <http://www.uic.edu/orgs/tei/>

Visual Resources Association. <http://www.vraweb.org/>