IFLA LIS Guidelines 2022 and Competencies and Skills for Subject Analysis and Access

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IFLA SAA working group
Training and Education in Subject Access (TESA)

Webinar: Knowledge Organization Competencies and Skills
31 August 2022
TESA Working Group
*Training and Education in Subject Access*

We are members of the Standing Committee of the **IFLA Subject Analysis and Access Section** and invited experts from other working groups

- Librarians - subject indexing specialists involved in training and education
- Lecturers teaching subjects of knowledge organization

We also participate, collaborate and observe the work of professional organizations, groups, and initiatives interested in

- knowledge organization / subject access
- information science education

**IFLA Sections**
- SET - Section for Education and Training
- LTR - Library Theory and Research
- CAT – Cataloguing
- BSLISE working group

**o ISKO** - International Society for Knowledge Organization

**o ASIST** – Association for Information Science and technology
The new IFLA Guidelines for LIS Education Programmes supersedes the old Guidelines for Professional Library/Information Educational Programs from 2012

By Building Stronger LIS Education (BSLISE) working group


- 2020-2022 Formulates a LIS knowledge framework – 8 Foundational Knowledge Areas (FKA) as a basis for the new Guidelines;

- International scope and reach of the Guidelines was achieved through background research by an international team of BSLISE members and through an international consultation process
NOW IN IFLA REPOSITORY

https://repository.ifla.org/bitstream/123456789/1987/2/LIS%20Guidelines%202022.pdf
8 FOUNDATIONAL KNOWLEDGE AREAS (FKA)
FKA5 INFORMATION RESOURCES MANAGEMENT

A brief summary, general in terms of detail

FKA5. Information Resources Management

Information resources management (IRM) comprises every stage in the life of an information resource from its creation to its end, including acquisition, identification, description, organisation, discoverability, and preservation of information resources, irrespective of form, format, carrier, or information environment. IRM requires knowledge and understanding of the nature of information resources, information discovery and retrieval, user needs and information seeking behavior. IRM includes the principles of information organisation and interoperability, functional requirements for information resource organisation, exchange and presentation standards, procedures, and tools. It extends to the principles of collection management including acquisition (and related copyright and intellectual property rights aspects), curation, digitisation, preservation, disposal, and usage analysis.

An LIS professional should be able to create quality resource discovery metadata; adopt, adapt, plan, design, develop, and/or implement an information system, tools, standards, and information resource discovery services; plan and manage collection storage; evaluate collection and information quality according to information contexts and user needs; and increase visibility and promote collections and collection-based products and services.
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IRM requires knowledge of:

- Nature of information resources, user needs and information seeking behavior, and principles of information organisation and interoperability
- Functional requirements for information resource organisation, exchange and presentation standards, procedures, and tools
- Principles of collection management including acquisition, curation, digitisation, preservation, disposal, and usage analysis

An LIS professional should be able to:

- Create quality resource discovery metadata
- Adopt, adapt, plan, design develop, and/or implement an information system, tools, standards, and information resource discovery services
- Plan and manage collection storage
- Evaluate collection and information quality according to information contexts and user needs
- Increase visibility and promote collections and collection-based products and services
TESA’S CONTEXT

Concerns

- Decrease in teaching and training in knowledge organization
- Generational change (retirement): lack of KO expertise by new employees (academia & libraries)
- Decreasing number of staff (funding)

Current and emerging information infrastructure

- Central role of metadata and access to knowledge
- Aggregation of information space and disappearance of ‘information silos’ (e.g. LAM)

Job market trends

- Importance of (re)training
- Transferability of skills
- Some previously more general competencies and skills become niche areas of expertise
KNOWLEDGE ORGANIZATION

PHILOSOPHY
LOGIC
ETHICS
PSYCHOLOGY

COMPUTER
SCIENCE

INFORMATION
SCIENCE

LINGUISTICS

Knowledge Organization Systems

Information retrieval
Information infrastructure; data modelling and management
All knowledge representation (ontology)
knowledge graphs
Visualization
Semantic technologies

Domain Analysis
Classification Theory

Terminology
Semantics
Syntax

subject analysis
Indexing
Classification

Automation

society
culture
politics
economics
TESA’S PROJECT

- Survey and analysis of professional standards and guidelines world-wide: comparison, identifying commonalities, differences and gaps

- Objective: compiling a list of knowledge units, competencies and skills and recommending guidelines for training and teaching in the area of subject access and analysis

- Observing and collaborating with developments in the area of LIS competencies and ensuring that our field fits comfortably into and is compatible with the context of training and education in other areas
COLLECTING DOCUMENTS

- Professional standards, guidelines
- State regulations for LIS professionals
- State regulation for LIS education
- Professional exam programmes
- Training programmes (library associations)
TESA’S PROJECT TIMELINE

- 2020 research background, identify issues and focus on professional competencies and standards;

- 2021 email survey, covering 61 countries to identify and collect national standards discussing LIS competencies
  - Document collection, KO segment extraction and translation

- 2022 document selection analysis and comparison
  - Collaboration and consultation with similar projects;

- 2023 Compilation of knowledge units with related competencies and skills, recommendation and guidelines
THANK YOU FROM THE TESA TEAM

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