

Areas of Specialization:

Data Curation, Metadata
 Taxonomy and Content
 Management
 Database Development and
 Administration
 Library Services Management
 Webpage Support, Design and
 Content Presentation

Education:

M.L.S., Library and Information
 Sciences, San Jose State
 University, December 1985
 B.A., Biological Sciences, San
 Jose State University,
 December 1979

Career Highlights:

- Expertise in data curation, metadata taxonomy and content management.
- Systems administration of relational databases.
- Skilled in development of relevant training, documentation and end-user help for online systems.
- Management expertise in all aspects of library services.
- Website support, design and content presentation, as well as end-user process flow. Experienced in HTML, webpage design and content management tools such as Dreamweaver, WordPress, Drupal, and CSS.
- Taxonomic key development using Lucid interactive software.

Ms. Koch began working as a contract employee for LimnoTech in November 2012. She has expertise in a number of areas related to data management, including data curation, metadata taxonomy and content management support. She has expertise with systems administration of relational databases including library automation systems. She is skilled in the development of relevant training and end-user help and documentation for online systems. She also has expertise in all aspects of library services including research and library management. She has provided website support, design and content presentation, and is experienced in HTML, webpage design and content management tools such as Dreamweaver, WordPress, Drupal, and CSS.

Key Project Experience

Data Curator for LimnoTech. Ann Arbor, MI. Support and creation of metadata protocols for emerging programs for GLOS and GEO-Great Lakes. Includes establishing protocols and ensuring that existing and new data comply with current ISO standards. Works closely with data management team to identify new areas for incorporating metadata into the catalog and providing access to end-users. Works on other projects to support data content or website design.

- Created taxonomic database and supporting website for EPRI Larval Fish ID project. Transforms data on larval fish in the Great Lakes previously available only in print into a database system designed for maintaining and distributing interactive key data using Lucid software.
- Working on design requirements for myGLOS (next iteration of GLOS data portal) including user requirements and backend support using GeoNetwork and harvesting of Thredds metadata.
- Developed ISO-19115/19139 templates and guidelines for metadata for current GeoNetwork instance. Categorized metadata based on user needs for the region. Categories will be used in myGLOS iteration.

- Designed web landing page for information about Geo-GL and for potential data providers.
- Created a website for a LimnoTech spin-off entity that includes content management elements and features such as Google Search and Google Analytics.

Under previous association

Content Manager, CDI Corporation (working as contractor for IBM Corp.), Michigan. Content management support for global corporate sales force. Included processing variety of content objects including uploads, maintenance of documents, technical writing and meta-tagging. Coordinated content submissions, provided technical writing expertise to ensure that content conformed to internal standards and accessibility. Taxonomy creation and support for faceted search model utilizing Interwoven back-end running on a WebSphere Application Server and IBM DB2 database. Additionally created and supported html portals to support content and links. Also provided search expertise for the global site.

Information Engineer/Document Management Coordinator, Intel Corporation Online Services, Santa Clara, CA. Defined and implemented document management processes and practices in a multi-site, global environment. Included leading cross-functional business team chartered with development of design specifications for Documentum 4i implementation and establishing a three-tiered support approach (people, processes, technology). Managed team to review and approve publication of documents. Created and supported web-based access to documentation. Trained end-users on use of Documentum system. Received Division Recognition Award for highly successful deployment of new version of Documentum 4i at all U.S. and two international locations.