Geographic Information in Information Science and Librarianship

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The Institute of Museum and Library Services is the primary source of federal support for the nation’s 123,000 libraries and 17,500 museums. Through grant making, policy development, and research, IMLS helps communities and individuals thrive through broad public access to knowledge, cultural heritage, and lifelong learning.

Esri Education GIS Conference
Software, Policy and Data

• The Occupational Outlook Handbook states that employment in fields which use GIS are expected to increase at a rate faster than the average rate of growth for all occupations between 2012 and 2022; at a rate of 16 percent as compared to the average of 11 percent (U.S. Dept. of Labor, 2014).

• At least 100,000 or more job openings over the next decade are expected.

• Some will be information professional jobs.
Two thirds of GIS is IS!

- Geodatabases
- Geolibraries
- ArcCatalog (ESRI)
- Organizing and disseminating information
- Metadata (CSDGM; ISO)
  - Added value
  - Makes it easier to share and retrieve data

Two thirds of GIS is GI!
Careers and Collaborations

1) Geographic Information Librarianship

2) The IS in GIS
   – Bolster librarian management and preservation of resources created by an array of geospatial tools;
   – Create and deliver two online GIL courses at two institutions;
   – Develop and use a survey validation study of the knowledge, skills, and abilities to inform curricula
Careers

- IS 543 Geographic Information in Information Sciences
- Other master’s coursework to earn an ALA accredited degree.
April 4th, 2013 – Coffee with Mike; “The only metadata I need is the phone number of the guy who created the data”

April 8th, 2014 he reiterated the comment and said “Goodchild said he can look at data and instantly know all the metadata elements. Creators and advanced users of geographic information do not need their own metadata”.

Comments, Questions
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Year 1 Papers


Year 2 Papers

