Organization, Information, and Learning Sciences (OILS) 515 Assignments

Week 2 - Domain-Specific Literature Review

Please post results of literature review to the the Learn Discussion area prior to the 2/11 Tuesday Collaboratory session

Please find at least 4 peer-reviewed publications that identify and discuss spatial data management issues in your field of study. For each of the publications provide a 1-page writeup that includes the following:

Complete Citation A complete citation that would allow another researcher to locate the publication that you used. If available, provide the DOI (Digital Object Identifier) and online link for the publication.

Summary A brief summary of the publication's focus and conclusions.

Relevance A discussion of the relevance of the publication's findings to your interest in spatial data management in your research area/project.

You will be asked to provide a brief (10 minute) summary of what you found as a result of your literature review during the required 2/11 collaboratory session.

Week 5 - Locate and Describe Data and Review

Please post results of your data review to the the Learn Discussion area prior to the 3/11 Tuesday Collaboratory session

Find and review three datasets that are of interest to you and/or relevant to your research. For each of the three datasets provide a 1-page evaluation that addresses the following:

Summary A summary description of the dataset, it's content and structure/format.

Documentation The completeness of the available documentation that is available for the dataset - particularly focusing on the information that the documentation provides that contributes to the dataset's *usability* and *understanding*

Usability How usable is the dataset to you? Can you make sense of it? Is it in a format that you can use?

Relevance The relevance of the dataset in the context of your research interests/study domain.

You will be asked to provide a brief (10 minute) summary of what you found as a result of your data review during the required 3/11 collaboratory session.

Week 13 - Create a Data Management Plan

Please post your data management plan to the discussion area prior to 4/28 to facilitate peer-review

Produce a 2-page NSF Data Management Plan appropriate for the particular NSF program within which your research domain would operate.

Week 15 - Data Management Plan Peer Review

Please post comments for at least three of the posted data management plans from Week 13 prior to 5/5

Please provide substantive comments (in the discussion area) - both positive and constructive criticism - for three of the data management plans provided by your peers in the class.