Site-Based Data Curation at Yellowstone National Park

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Builds on base of data curation research and education

Site-Based Data Curation at YNP 2012-2014 (IMLS)

Curation Profiles Project 2007-2009 (IMLS)

Data Curation in the Sciences 2006-2011

Data Curation in the Humanities 2008-2012

Data Conservancy 2009-2012 (NSF)

Data Curation Education in Research Centers 2010-2014

Institute of Museum and Library Services

NSF

GRADUATE SCHOOL OF LIBRARY AND INFORMATION SCIENCE
The iSchool at Illinois

CIRSS
Site-based data curation

- Resource management at YNP has traditionally focused on physical resources (thermal features, specimens).
- Policies and process for data curation typically have an institutional focus.
- How do we bridge the gap between data curation and resource management?

Framework of policies and processes for curation of research data generated at scientifically significant sites.
Exemplar case for earth and life science intersection

YNP - Mecca for data collection in systems geobiology.
Research questions range from origin of life on Earth to life on other planets.

Integrative science that requires:
- chemical, physical, biological data
- multiscale data (temporally, spatially)
- data collection in field, and lab work
• What curation units and data parameters are needed for resource managers vs. scientists?

• How should continuing series be curated and managed?

• How can site and repository policies and processes be aligned?

Year 1:
• Stakeholder Workshop
• Follow-up interviews
• Data inventories
• Policy development

Year 2:
• Curation processes
• Data transfer workflows