

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Metadata Population of the Wyoming Geolibrary
Type of Project: Education /Technical Assistance
Project Discipline: Natural
Funding Agency: USGS
Other Partners/Cooperators:
Effective Dates: September 1, 2007 – August 31, 2008
Funding Amount: \$10,000.00
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Project Abstract: This cooperative agreement will fund a WyGIS student to assist and educate potential contributors to the GeoLibrary. The WyGIS Technical Services Coordinator will direct and educate this student to allow for this person to be able to assist Wyoming data providers in using the GeoLibrary. Data providers will learn how to publish and maintain their own metadata records within the GeoLibrary while also becoming familiar enough with the web application to direct and assist other potential web clients of the GeoLibrary. The student will additionally answer questions from the general Wyoming GIS community regarding metadata records found within the GeoLibrary. The overall goal of this effort would be to increase the amount of data provider participants within the GeoLibrary and thus ultimately increase the metadata records available in the GeoLibrary.
Outcomes with completion dates (reports, publications, workshops, videos, etc.): The following will the steps will be necessary in order to effectively increase the awareness and use of the Wyoming GeoLibrary: 1) Train WyGIS student employee in metadata development and publishing these records to the Wyoming GeoLibrary. – Dec 07 2) Develop detailed data publishing user guides to assist data providers. - Jan 08

- 3) Identify and contact key geospatial data providers within Wyoming in order to assess their knowledge of the GeoLibrary and list any issues they may have with publishing to the database. The majority of contacts will be made with State and Local agencies, non-profit organizations and private entities. Most federal agencies already have dissemination methods which the GeoLibrary will harvest records from. - March 08
- 4) Provide on-site assistance to those entities requesting help. – ongoing throughout project
- 5) Publish metadata records for those who do not want to participate but are willing to share information. – ongoing throughout project
- 6) Educate other potential data providers via workshops and presentations. – ongoing throughout project

Besides the quarterly and final reports, two main documents will be produced with this funding: a data provider user guide and a data user web application guide. The data provider guide will give step-by-step instructions on how to publish and maintain metadata records within the Wyoming GeoLibrary. The web application guide will provide help and directions those wishing to assess and access geospatial data within the GeoLibrary. Both of these documents will be accessible via the web by the project end date.

Keywords:

GIS, GeoLibrary, Geospatial Information