

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Maintenance and Enhancements to Wyoming National Hydrography Dataset (NHD)

Type of Project: Technical Assistance

Project Discipline: Natural

Funding Agency: USGS

Other Partners/Cooperators: University of Wyoming

Effective Dates: 9/1/2009 - 9/2/2010

Funding Amount: \$25,000

Investigators and Agency Representative:

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Project Abstract:

For the National Hydrography Dataset (NHD), the task for naming the streams using the Geographic Names Information System (GNIS) is pretty straightforward. However, discrepancies and errors persist, in part; due to vector coordinate errors, as well as interpretative mistakes made during GNIS conflation when creating the data. A check will be performed to discover any missing GNIS names for streams/rivers lakes/ponds within the NHD. Missing names will then be associated with the appropriate features in NHD. Though beyond the scope of this proposal, a much bigger task would be to fix errors in NHD where some streams have the wrong names. A check will be performed to locate and correct misnamed features for the major streams, rivers, and lakes and funding permitted, smaller feature corrections will be fixed as found. In completing that scope of proposed work, will produce documentation of the procedures and the methods used.

Outcomes with completion dates: The final report shall be submitted within 90 days of the end of the project period.

Keywords: National Hydrography Dataset, Wyoming, partnerships, USGS, University of Wyoming