

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Effects of the 2011 Floods on Some Benchmark Riparian Systems in the Northern Rocky Mountains

Discipline: Natural
Type of Project: Research
Funding Agency: USGS
Other Partners/Cooperators: University of Montana
Effective Dates: 8/1/2011 - 9/30/2012
Funding Amount: \$12,000

Investigators and Agency Representative:

USGS Contact: Gregor Auble, USGS Fort Collins Science Center, 2150 Center Avenue, Bldg. C, Ft. Collins, CO 80526

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Project Abstract:

The primary objectives of the study are:

1. Resample multiple size classes of cottonwood and willow seedlings and saplings, as well as ground topography at cross sections at 8 study areas along the Missouri River within the Missouri Breaks National Monument.
2. Resample permanent grazing exclosures and paired controls along the Green River throughout Seedskadee NWR.
3. Resample permanent cross sections and plots along Illinois River at Arapaho NWR.

Outcomes with completions dates: September 30, 2012

Keywords: 2011, flood effects, riparian systems, USGS, University of Montana