

Project Summary
Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Snow Avalanche Information System (SAIS) for Glacier National Park, Montana

Discipline: Natural

Type of Project: Technical Assistance/Research

Funding Agency: USGS

Other Partners/Cooperators: University of Montana

Student Participation:

Effective Dates: 6/15/2016 - 7/31/2017

Funding Amount: \$24,999

Investigators and Agency Representative:

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Project Abstract: This goal of this research is to initiate the development of a web-based interactive 'Snow Avalanche Information System' (SAIS) for GNP. This research will address the following objectives:

1. To map historical and recent distributions of snow avalanche paths in GNP.
2. To describe the topographical, morphological and biogeographical characteristics of the snow avalanche paths.
3. To develop a web-based SAIS tool.

Keywords: SAIS, snow, avalanche, Glacier National Park, University of Montana