

Part I – Agency Profile

Agency Overview

The Idaho Geological Survey is the lead state agency for the collection, interpretation, and dissemination of geologic and mineral data for Idaho. The agency has served the state since 1919 and prior to 1984 was named the Idaho Bureau of Mines and Geology. The agency is staffed by about nine state-funded FTEs and 20-25 externally funded temporary and part-time employees.

Members of the Idaho Geological Survey staff acquire geologic information through field and laboratory investigations and through cooperative programs with other governmental and private agencies. The Idaho Geological Survey's geologic mapping program is the primary applied research function of the agency. The Survey's Digital Mapping Laboratory is central to compiling, producing, and delivering new digital geologic maps. Other main Idaho Geological Survey programs include geologic hazards, hydrology, mining, mine safety training, abandoned and inactive mines inventory, and earth science education outreach. As Idaho grows, demand is increasing for geologic information related to population growth, mineral-, energy-, and water-resources, landslides and earthquakes.

Core Functions/Idaho Code

Idaho Code Title 47, Chapter 2, defines the authority, administration, advisory board members, functions and duty of the Idaho Geological Survey. The section contents:

- **Section 47-201:** Creates the Idaho Geological Survey to be administered as special program at the University of Idaho. Specifies the purpose as the lead state agency for the collection, interpretation and dissemination of geologic and mineral information. Establishes a survey advisory board and designates advisory board members and terms.
- **Section 47-202:** Provides for an annual meeting of the advisory board, and location of the chief office at the University of Idaho. Specifies the director of the Idaho Geological Survey report to the President of the University through the Vice President for Research. Specifies for the appointment of a state geologist.
- **Section 47-203:** Defines the duty of the Idaho Geological Survey to conduct statewide studies in the field and in the laboratory, and to prepare and publish reports on the geology, hydrology, geologic hazards and mineral resources of Idaho. Provides for establishment of a publication fund. Allows the Survey to seek and accept funded projects from, and to cooperate with, other agencies. Allows satellite offices at Boise State University and Idaho State University.
- **Section 47-204:** Specifies the preparation, contents, and delivery of a Survey Annual Report.

Idaho Geological Survey

Revenue and Expenditures:

Revenue	FY 2010	FY 2011	FY 2012	FY 2013
General Fund	\$714,800	\$701,100	\$671,800	\$701,200
Total	\$714,800	\$701,100	\$671,800	\$701,200
Expenditure	FY 2010	FY 2011	FY 2012	FY 2013
Personnel Costs	\$693,600	\$685,900	\$625,115	\$618,936
Operating Expenditures	18,609	\$15,200	\$22,812	\$19,478
Capital Outlay	2,591	0	\$23,873	\$62,786
Trustee/Benefit Payments	0	0	0	0
Total	\$714,800	\$701,100	\$671,800	\$701,200

Profile of Cases Managed and/or Key Services Provided

Cases Managed and/or Key Services Provided	FY 2010	FY 2011	FY 2012	FY 2013
Square Miles of Geological Mapping	577	988	916	1029
Number of Educational Programs for Public Audiences	20	23	15	7
Number of Geologic Reports and Presentations	119	77	90	91
Number of Website Viewers	493,582	452,405	540,774	504,419
Number of Grants and Contracts	27	15	22	12

Performance Highlights:

- The Idaho Geological Survey again ranked at or near the top of all STATEMAP funding awards from the National Cooperative Geologic Mapping Program from 2008 through 2013. The number of square miles mapped depends on the scale (detail) of the quadrangle. Digital geologic web maps have a wide range of uses and are the most popular survey products.
- A new geologic map of Idaho in digital format was published in FY2013. The previous state geologic map was more than thirty years old. This new version incorporates new research, technology, and age dating. The map also features a spectacular shaded-relief base.
- Sales of the new geologic map of Idaho, in addition to other IGS publications and maps, were successful in FY 2013.
- Continued exploration following the announcement of new discoveries of oil and gas in SW Idaho have drastically increased the requests for oil and gas files and drill log information. The survey developed a web-based Google Map application to search the oil and gas file information.
- The Idaho Geological Survey completed the third year of a substantial grant to contribute to the National Geologic Geothermal Data Program.
- Global interest from the mineral industry continues in Idaho's traditional mining products as well as undeveloped rare-earth elements (Rare-earth elements include minerals critical to manufacturing computer processors and batteries).
- A two-year study of aggregate characteristics funded by the Idaho Transportation Department is in the second field season.
- Seismic site class and liquefaction susceptibility maps for part of the Big Wood River Valley area were completed with funding from the Idaho Bureau of Homeland Security.
- Continued IGS website enhancements and database organization streamline user's access to information online.
- Nearly all survey products are now available on the website. More than a half million users visited the Idaho Geological Survey website during the year.

Part II – Performance Measures

Performance Measure	2010	2011	2012	2013	Benchmark
Number of Published Reports on Geology/Hydrology/Hazards/Mineral Resources	39	48	48	38	45
Cumulative Percent of Idaho's Area Covered by Modern Geologic Mapping	32.1	34.0	35.2	36.2	36.4
Externally Funded Grant and Contract Dollars	\$545,800	\$548,704	\$635,580	\$874,357	\$531,085
Number of Website Products Delivered/Used	205,519	220,102	202,490	359,100	201,463

For More Information Contact

Dr. John. K. Mclver, Vice President for Research and Economic Development
University of Idaho
875 Perimeter Drive MS
Moscow, Idaho 83844
Phone: 208-885-6689
E-mail: jmciver@uidaho.edu