

Geologic Information Center

Alaska Division of Geological & Geophysical Surveys



INTEGRATED SUPPORT

The Geologic Information Center (GIC) supports the state's geologists, engineers, and decision makers with timely and low-cost solutions.

This is possible by having a team of highly skilled professionals embedded in the division. GIC staff:

- Work closely and directly with domain experts
- Rapidly respond to issues
- Develop cost effective storage and processing solutions that support the division and many others throughout the state



GIC BY THE NUMBERS

A snapshot of the GIC in 2026

3.6
million

reports and datasets downloaded from dggs.alaska.gov

1.4
petabytes

of geological data stored at DGGS

over
5,000

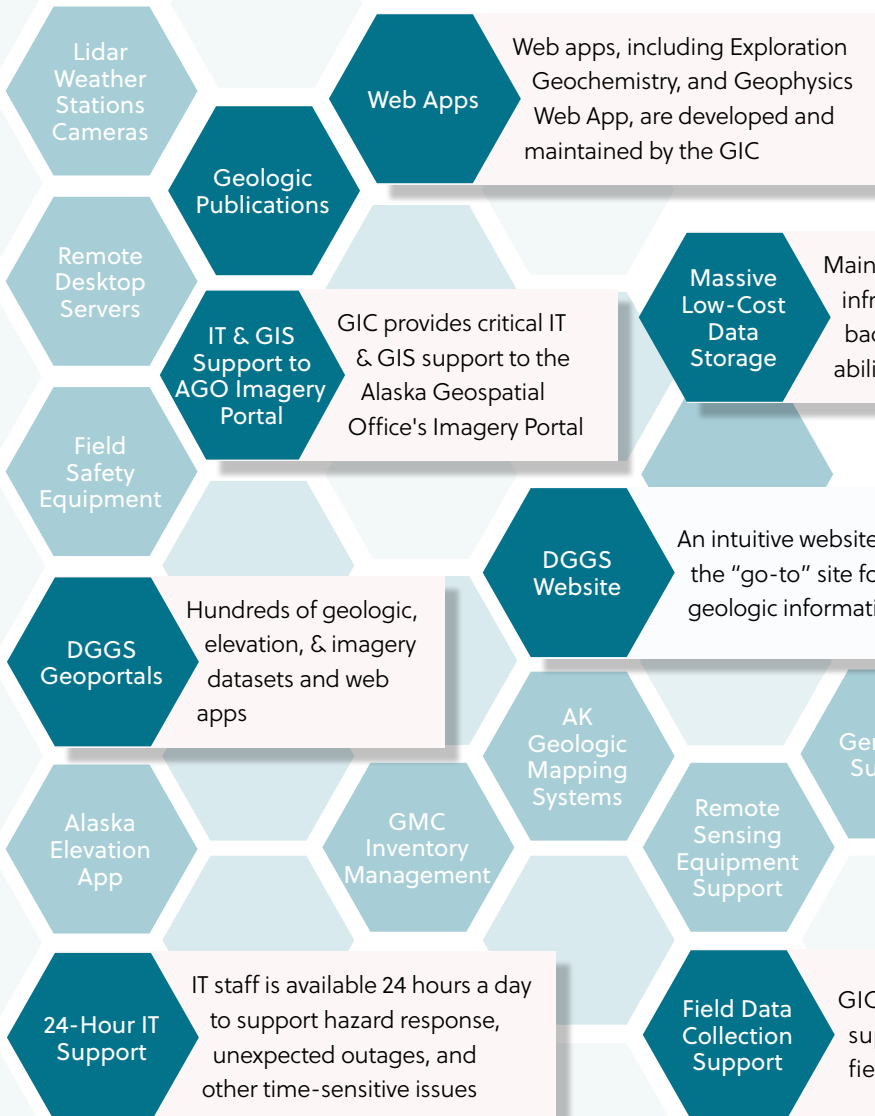
publications by DGGS since 1903

17
million

views of dggs.alaska.gov

45
terabytes

volume of data distributed digitally



Web apps, including Exploration Geochemistry, and Geophysics Web App, are developed and maintained by the GIC

GIC provides critical IT & GIS support to the Alaska Geospatial Office's Imagery Portal

Maintain IT infrastructure, critical backbone to DGGS' ability to support Alaska

An intuitive website is the "go-to" site for geologic information

Hundreds of geologic, elevation, & imagery datasets and web apps

IT staff is available 24 hours a day to support hazard response, unexpected outages, and other time-sensitive issues

GIC provides critical support for year-round field data collections

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WHO USES DATA SUPPORTED BY THE GIC?



Mining

Use DGGs maps and data to search for and find minerals



Energy

Companies utilize DGGs analytical data to help search for natural resources



Urban planning

Use DGGs maps for safe construction and urban development



Research

Investigate geoscience observations archived at DGGs



GIS

Rely on DGGs digital geospatial data and online services



Public

Use DGGs resources to learn about geologic hazards in the state

ONLINE TOOLS

The GIC develops and maintains interactive maps and databases available to the public to access geologic data throughout Alaska.

All online tools available at maps.dggs.alaska.gov.

Sample Type	Citation	SI02 pct XRF
rock	RDE 2000-2	
rock	RDE 2009-1 v.1.2	
rock	RDE 2009-1 v.1.2	
12 rock	AOE 166	
12 rock	AOE 166	
12 rock	AOE 166	
rock	RDE 2010-2	
rock	RDE 2010-2	
rock	RDE 2010-2	
rock	RDE 2010-2	
11 rock	AOE 166	
11 rock	AOE 166	
rock	Bittenbender, P.E. and Still, J.C., 1997	
rock	Bittenbender, P.E. and Still, J.C., 1997	
	RDE 2000-2	51.66
5986 beach sediment	RI 5986	
5986 beach sediment	OFR 34-91	
pan concentrate	OFR 34-91	

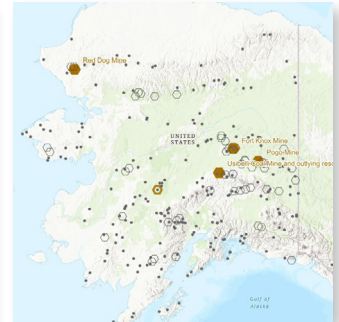
Alaska Geochemistry

Alaska geochemical data from multiple published sources.



Alaska Radon Web App

Interactive map as a guide to possible radon locations in Alaska.



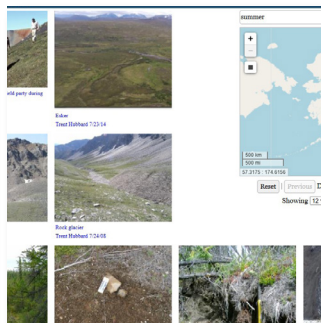
Alaska Minerals Explorer Web App

View mines, development and exploration projects.



Geothermal Resources

Web App Comprehensive geothermal datasets and services.



Geologic Photos

Search, view, and download geologically interesting photos from Alaska.



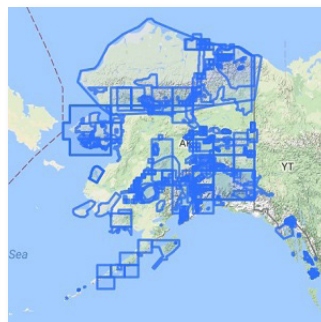
Geologic Materials Center Inventory

Search, view, download > 700,000 geologic samples.



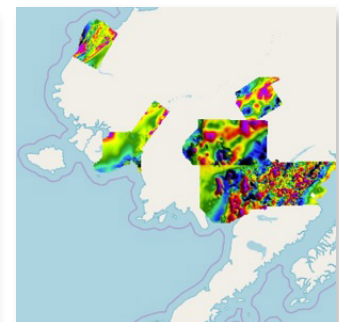
Alaska Landslide Reporter App

Report landslides with this ArcGIS Survey123 app.



Geologic Map Index of Alaska

See outlines and download 1000s of geologic maps.



Geophysical Surveys Web App

Search, view, download geophysical data.