



Geologic Information Center (GIC)

GIC staff work closely with DGGGS geologists to ensure fast and easy public access to information about Alaska geology.

Geologic Materials Center (GMC)

Permanent, valuable archives of geologic materials and data are stored at the GMC in Anchorage for use by industry, academia, and other stakeholders.

Alaska Geospatial Office (AGO)

Bridging sectors, reducing duplication, and streamlining access, AGO delivers the trusted mapping foundation needed to make smarter and more cost-effective decisions in Alaska.

OUR MISSION

Determine the potential of Alaskan land for production of metals, minerals, fuels, and geothermal resources, the locations and supplies of groundwater and construction material, and the potential geologic hazards to buildings, roads, bridges, and other installations and structures (AS 41.08.020)



Main Office

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Geologic Materials Center

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dgg.alaska.gov

Monday–Friday 8:00AM–4:30PM

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ALASKA DIVISION OF GEOLOGICAL & GEOPHYSICAL SURVEYS

WHO WE ARE

The Alaska Division of Geological & Geophysical Surveys (DGGGS) is part of the Alaska Department of Natural Resources. DGGGS is organized as four operational sections and three support centers.

Energy Resources

Produces new geologic information about oil, gas, coal, and geothermal resources to promote industry investment and exploration success.

Mineral Resources

Conducts bedrock geological mapping, geochemical sampling, and geophysical surveys of the most prospective lands to attract interest in mineral exploration and support responsible development of Alaska’s mineral endowment.

Hydrology & Surficial Geology

Determines locations of groundwater and construction materials to support important infrastructure projects.

Geologic Hazards

Determines and studies potential geologic hazards, including earthquakes, tsunamis, landslides, and coastal hazards, to mitigate risks to public safety and infrastructure.

This section also monitors and evaluates 54 historically active volcanoes to aid response and warnings providing for to volcanic activity.



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GEOPORTALS

To ensure public access to geospatial information about Alaska, DGGs maintains the authoritative geology geoportal for Alaska and the Alaska geospatial geoportal.

- Alaska geology geoportal
<https://geoportal.dggs.dnr.alaska.gov/portal>
- Alaska geospatial geoportal
<https://akgeoportal.alaska.gov>



INTERACTIVE WEB APPS

Users can access various web apps including Map Index, Geochemistry, and Geologic Photos.

dggs.alaska.gov/maps-data/interactive-maps

WHAT WE DO

ECONOMY

DGGs research helps the energy and mineral industries find Alaska's resources and encourages prudent development and a strong economy.

LAND MANAGEMENT

Our geologists provide information that helps land managers make informed decisions regarding the best uses of state lands and preserving access for future resource development.

PUBLIC SAFETY

Research and findings to help the state avoid or reduce disastrous effects caused by natural geologic hazards like volcanoes, earthquakes, avalanches, landslides, and tsunamis.

EDUCATION

DGGs provides information and resources for the general public, students, and school teachers to help them learn about Alaska's geology, resources, and hazards.



PUBLICATIONS

All DGGs publications are available to download from our website. MIRL, U.S. Bureau of Mines, and most older U.S. Geological Survey publications are also available. These extensive online resources include datasets and powerful tools for researchers, industry, and the public understand Alaska's geology.

dggs.alaska.gov/pubs

