Geoscience in Your State: Oregon
By the numbers: Oregon

- 4,914 geoscience employees (excludes self-employed)
- 1.48 billion gallons/day: total groundwater withdrawal
$474 million: value of nonfuel mineral production in 2017
73 total disaster declarations, including 40 fire, 14 flood, and 13 severe storm disasters (1953-2017)?
$143 million: NSF GEO grants awarded in 2017

Read more in this Geoscience in Your State Factsheet...

Agencies Working on Geoscience Issues in Oregon

Oregon Department of Energy
https://www.oregon.gov/energy/Pages/index.aspx
ODOE is focused on helping Oregon remain an energy leader and reach the state’s energy and climate goals.

Oregon Department of Environmental Quality
https://www.oregon.gov/deq/Pages/index.aspx
The Oregon Department of Environmental Quality is a regulatory agency whose job is to protect the quality of Oregon’s environment. DEQ’s mission is to be a leader in restoring, maintaining and enhancing the quality of Oregon’s air, land and water.

Oregon Department of Geology and Mineral Industries
https://www.oregon.gov/dogami/Pages/index.aspx
DOGAMI’s mission is to provide earth science information and regulation to make Oregon safe and prosperous.

Oregon Department of State Lands
The mission of the Department of State Lands is to ensure a legacy for Oregonians and their public schools through sound stewardship of lands, wetlands, waterways, unclaimed property, estates and the Common School Fund.

Oregon Office of Emergency Management
https://www.oregon.gov/OEM/Pages/default.aspx
The OEM mission is to lead statewide efforts to develop and enhance preparedness, response, recovery and mitigation capabilities to protect the lives, property and environment of the whole community.

Oregon Water Resources Department
The Department's mission is to serve the public by practicing and promoting responsible water management through to restoration and protection of streamflows and watersheds in order to ensure the long-term sustainability of Oregon's ecosystems, economy, and quality of life.

Maps & Visualizations

Interactive database for geologic maps of the United States
U.S. Geological Survey

The U.S. Geological Survey hosts the National Geologic Map Database (NGMDB). This interactive tool serves as a national archive for high-quality, standardized geologic maps created by the U.S. Geological Survey and state geological surveys. The MapView section of the NGMDB displays geologic maps...

Search all Maps & Visualizations

Case Studies & Factsheets
Investigating Volcanic Landslide Hazards

More than just volcanic eruptions Volcanic eruptions are a serious hazard. But at many stratovolcanoes in Washington, Oregon, Northern California, and Alaska, landslides and debris flows can be just as dangerous. Some of these - especially volcanic mudflows (lahars) - are directly triggered by...

Webinars & Forums

Ocean Acidification Impacts on Fisheries
This webinar addresses how geoscience helps us to understand ocean acidification, ocean acidification's impacts on marine life, and what states and municipalities can do to reduce the fishery-related economic impacts of ocean acidification.

GOLI Online Courses

Communicating Cascadia's Earthquake Risk
Course Type: GOLI Online Course
View course

Geoscience research is at the forefront of characterizing the earthquake risks associated with the Cascadia subduction zone in the Pacific Northwest. This course covers the science and its implications for policy decisions and resiliency efforts.