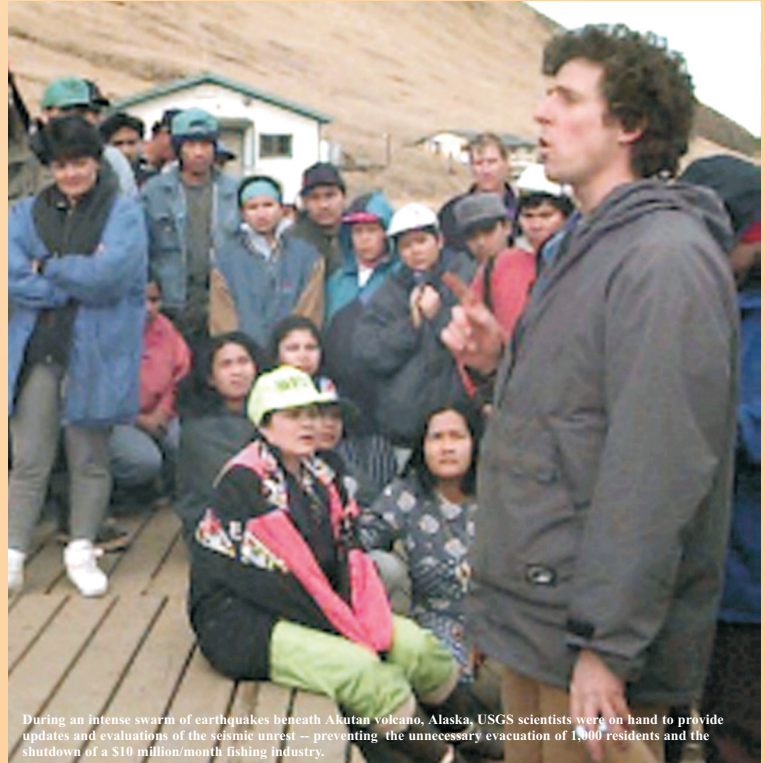


Preparing for Volcanic Emergencies: Keeping You Informed

The best scientific information and volcanic warnings will reduce volcanic risk only through effective communication among a wide group of partners who live and work in potentially dangerous areas. Before, during, and after eruptions and periods of volcanic unrest, USGS scientists work with decision makers, the public, the media, and professionals from industry and government to develop and deliver volcano-hazards information needed to lessen the potential impacts of volcanic activity.



During an intense swarm of earthquakes beneath Akutan volcano, Alaska, USGS scientists were on hand to provide updates and evaluations of the seismic unrest -- preventing the unnecessary evacuation of 1,000 residents and the shutdown of a \$10 million/month fishing industry.

USGS scientists sponsor and participate in educational workshops, emergency planning meetings, and community presentations in order to keep people informed about volcanic hazards and unrest in their area.

ALASKA VOLCANIC EMERGENCY -- Thursday, March 24, 1994 5:49 pm AET (2004 UTC)
AKUTAN VOLCANO Alert Level: ORANGE (Level 2)
LEVEL OF CONCERN COLOR CODE: ORANGE
 Significant continuing unrest beneath Akutan volcano. AVID is monitoring an elevated level of volcanic activity. USGS scientists are on hand to provide updates and evaluations of the seismic unrest -- preventing the unnecessary evacuation of 1,000 residents and the shutdown of a \$10 million/month fishing industry.

USGS
 science for a changing world

Volcano Hazards in the Mount Hood Region, Oregon
 Open-File Report SF-09

Alaska volcano southeast of Anchorage is continuing to show signs of unrest. Alaska and Oregon are frequently prone to volcanic eruptions.

AVID is closely monitoring Akutan volcano.

U.S. Department of the Interior
 U.S. Geological Survey

USGS
 science for a changing world

What are Volcano Hazards?

Volcano hazards are the products of volcanic activity that can cause damage to people and property. These hazards include:

- Lava flows
- Pyroclastic flows
- Lahars
- Volcanic ash
- Volcanic gas
- Volcanic debris
- Volcanic mud
- Volcanic bombs
- Volcanic rocks
- Volcanic sand
- Volcanic silt
- Volcanic clay
- Volcanic ash
- Volcanic gas
- Volcanic debris
- Volcanic mud
- Volcanic bombs
- Volcanic rocks
- Volcanic sand
- Volcanic silt
- Volcanic clay

Volcanic and Seismic Hazards on the Island of Hawaii

Perilous Beauty

Mount Rainier

The USGS issues volcano hazards information through a wide variety of products, including maps, reports, fact sheets, posters, educational videos, and alert-level notifications. For more information contact the USGS at 1-800-USA-MAPS

Several USGS websites deliver current information about the USGS Volcano Hazards Program, volcano hazards, and volcanic activity in the United States.