

Risks of Living Near Volcanoes

Volcanic eruptions can bring much destruction to their surrounding areas. For example, in 1991, the eruption of Mount Pinatubo in the Philippines produced large amounts of volcanic ash which combining with rain water to produce a thick mudflow. The mud buried thousands of homes and killed nearly 900 people.



The huge amount of volcanic ash released into the atmosphere can also cause breathing difficulties, skin diseases, diarrhea as well as infections in the eyes.

Benefits of Living Near Volcanoes

While volcanic areas may be dangerous to live near to, they are also useful in many ways. Soil formed from volcanic ash and lava is often rich in minerals. Some of the fertile farmland in Indonesia is found in the volcanic areas on the island of Java.



Volcanic areas are also popular attractions with tourists. For instance, the volcanic region of Rotorua in New Zealand is visited by many tourists. In Japan, many resorts have been set in Kagoshima where people bury themselves beneath warm volcanic sand for health reasons.



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Type of Resource:

This reference may be printed and passed out to elementary and middle school students to educate them about volcanoes.

The actual courseware/source of this activity is Earth's Landforms, one among over 25 best-selling offline interactive educational science e-learning coursewares called Science Werkz which won the 2013 EDDIE Award for Science E-Learning Solutions in the Upper Elementary and Middle School Categories.

How to use this Resource:

We highly suggest that you use this resource if you are a teacher who wants to let your students know more about the risks and benefits of living near the volcanoes.

Start the discussion by asking students what would happen after a volcano erupts. You can then print this reference for them to study so they can learn more about volcanoes.



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More Details about the Resource:

Science Werkz is a line of award-winning offline interactive educational science solutions that may be accessed on the phones, tablets, or computers of its users.

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Winner of the 2013 EDDIE Award for Science E-Learning Solutions in the Upper Elementary and Middle School categories, the subscription-based science e-learning courseware may be used by educators for classroom learning or by parents and students for self-paced learning at home.

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