

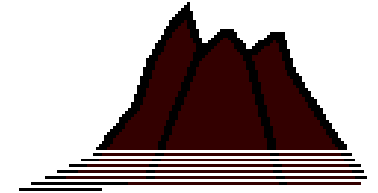
RISK: the possibility of something bad happening



RISKS and BENEFITS of living in a volcanic area



BENEFIT: a helpful or good effect, or something intended to help



It may seem strange that people live near a volcano, as volcanos are known to be something dangerous. Yet, today about 500 million people live on or close to them, acquiring many benefits.



BENEFITS



fertile soils



tourism



geothermal energy



quarry



RISKS



death



hot lava flows



pyroclastic flows



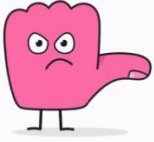
mudflows



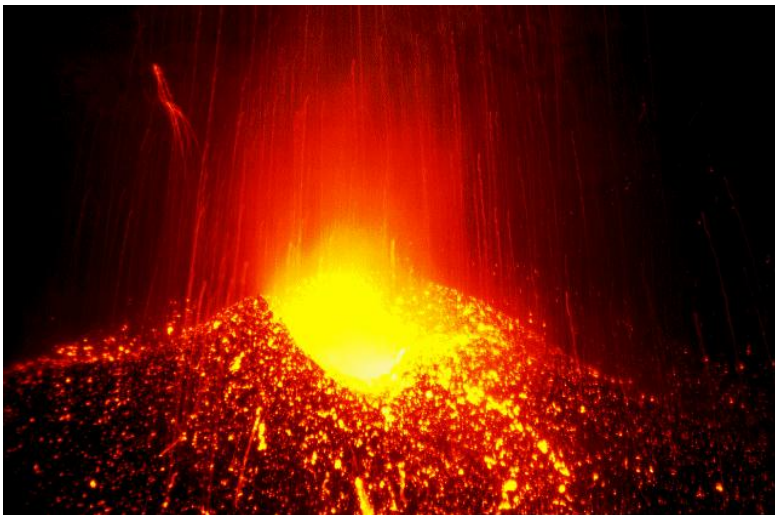


- The greatest resource from volcanoes is the land formed by the materials they erupt; in fact the volcanic ash from eruptions is very fertile so people use the rich soil for farming.
- Volcanos are good for tourism as they attract people who will come to see the beautiful landscape made by the pyroclastic and mud flows, which harden overtime. This will bring lots of money, increasing the economy of the town.
- Another great resource is the geothermal energy as there will be natural vents near the volcano, in the ground, which can be used to provide it.
- Moreover, there are lots of stone deposits from volcanic eruptions, which can be converted into quarries.





- If a volcano erupted next to people that live near them they could be at risk of death and their houses could get destroyed. Also, gases released by volcanoes can damage plants and can be fatal if breathed in by human beings.
- Hot lava flows move very slowly but they are destructive as they cannot be stopped and they set fire to everything in their path.
- Pyroclastic flows are impossible to outrun. They travel at about 300 km/h, and are extremely destructive.
- Mudflows are mud rivers that have the consistency of cement; they destroy everything in their path, including buildings.



THANKS
FOR WATCHING

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