

## See active volcanoes around the world

Volcanoes help scientists decipher the inner workings of our planet and how eruptions form life on the surface of the earth. Each time a volcano erupted, it was a fiery display of the power of the earth.

Nothing shows the power of the earth more than an erupting volcano, it's like rivers of volcano swept with molten rock and billowing ash columns.

These erupting peaks can be found all over the world. The eruption of volcanoes helped create the surface of the earth, carved craters, piled up on the peaks of cold lava flows with desolate landscapes. As we all know, volcanoes helped shape life. Each eruption dredged nutrients from deep underground, covered the rocks with fertile soil and promoted life around the globe. However, their explosions are also a serious reminder of the fragility of life, with the power to destroy landscapes in a blink of an eye.

Each mountain erupts in a different way, and these images record their range of activity. By studying volcanic explosions, researchers hope to decipher the past and look into the planet's potential future.

See volcanic images of volcanoes around the world.



Anak Krakatau volcano in Indonesia.

Indonesia's Anak Krakatau volcano is a special volcano, which is re-activated every few years. This volcano is the `` son '' of Krakatoa volcano that caused a series of horrific explosions with the power of 10,000 times the atomic bomb dropped on Hiroshima, Japan, each explosion caused a tsunami devastating coastal villages that killed more than 37,000 people in 1883. On the night of December 22, 2018, an explosion caused the volcanic

flank of Anak Krakatau, the son of Krakatau to collapse, causing a tsunami that killed hundreds of people. Photo: Stocktrek Images, Inc./Alamy.



Thanks to the emissions of sulfur, the crater of Kawah Ijen, Indonesia has had a fantastic light show. Leaking through cracks in the volcano, sulfur gas ignited when they came into contact with the air, exploding life in a brilliant blue flame. Photo: SONNY TUMBELAKA, Getty Images.



Mount Etna in Italy is the largest active volcano in Europe and often causes dramatic explosions with molten rocks to circular ashes. Etna volcano, which has just woken up in December 2018, is recognized as the longest volcano on earth, with records of its frequent explosions from 1,500 BC. It is also slowly sliding into the Ionia Sea, raising concerns that the volcano could cause major tsunamis on the nearby Mediterranean coast. Photo: FABRIZIO VILLA, Getty Images.



The Barðarbunga volcano in Iceland is a harsh area, when its central crater is buried under ice, but cracks rise far away from the mountain. Cracks deep in the earth can spew out the largest known giant lava flows on earth in 11,000 years. Photo: BERNARD MERIC, Getty Images.



In 2018, after more than three decades of operation, Hawaii's Kilauea volcano erupted violently with enough lava to fill at least 320,000 Olympic-sized swimming pools. Its lava stream swallowed everything along the way, engulfing part of the Leilani Estates residential area in flames. Photo: MARIO TAMA, Getty Images.



In the photo is a stream of lava flowing down the slopes of Mount Sinabung 2018 in Karo, North Sumatra. While such eruptions pose many dangers, nutrient-rich lava gushing out from the top of the mountain has created a vast swath of fertile soil that attracts people to settle down nearby. Photo: IVAN DAMANIK, Getty Images.



The light show is recorded in the 2016 image of the Sakurajima volcano in Japan. Volcanoes not only create beautiful hot and bright rocks but also have unusual lightning strikes. Photo: ASAHI SHIMBUN, Getty Images.



Halema'uma'u crater in Kilauea crater, Hawaii has long looked like a winding lava lake. After 100 years of inactivity, the volcano erupted back to 2018, and a year later on that lava lake appeared more small holes. Photo BRETTMANN, Getty Images.



One of the most active volcanoes in the world is the peak of Piton de la Fournaise on the French island of Réunion. Since the 17th century, more than 150 eruptions have stirred the volcano. The eruption in the photo was taken in September 2016. Photo: RICHARD BOUHET, Getty Images.



On June 22, 2019, Raikokoe volcano erupted, firing a tower of gas and ash towering over the North Pacific. The eruption is so large that astronauts can see it from the International Space Station and capture the image of the spreading cloud. Particles from this eruption spread into the stratosphere, causing light scattering that turned the sunset and dawn into purple. Photo: NASA.



While countless volcanoes are located on land, there are volcanoes lurking in the sea. A photographer caught this underwater volcano off Tonga erupting in March 2009, and it is one of 36 undersea volcanoes in the area. Photo: DANA STEPHENSON, Getty Images.



Flock of doves fly over Indonesia's Merapi volcano slopes on June 4, 2018. Merapi is the most active volcano in Indonesia and erupts regularly since 1548. Located near the populous city of Yogyakarta, Merapi's past eruptions have devastated locals. Photo: AGUNG SUPRIYANTO, Getty Images.

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