



Through Appreciating Earth I foster environmental awareness, scientific knowledge, & planetary appreciation. We all consciously & unconsciously change the environment, Earth education helps us understand how we impact our planet.

Join me to Appreciate Earth!

Awareness is a prelude to respect, projected into the world as appreciation

Earth: Volcanic Planet

There are ~1,350 potentially active volcanos on Earth. In 2022 people flocked to see the spectacle of volcanic eruptions in Iceland, Hawaii, Tonga and Indonesia, 4 of the 74 confirmed eruptions of the year. Earth has been volcanically active since it formed 4.6 billion years ago, and the Earth as we know it would not exist without the volcanic activity that continues to this day. Volcanologist's Maurice and Katia Krafft traveled to world documenting volcanic eruptions and teaching the world about volcano, and their story has finally been told in the documentary 'Fire of Love'. They studied Mauna Loa in Hawaii, which is once again producing rivers of lava, and building spatter cones as lava flung into the air falls down around the vent. A pyroclastic eruption similar to the event that killed the Kraffts in 1991 just occurred on December 4th, 2022 at Mt. Semeru on the island of Java in Indonesia. The largest eruption of the 21st century occurred in January 2022 destroying the island of Hunga Tonga-Hunga Ha'apai and causing a tsunami, and all this volcanic activity is producing carbon dioxide, but how much compared to human activity?...**READ ON**



Upcoming Appreciating Earth Geology Walks

Only for Appreciating Earth members! Learn about time, rocks & Earth evolution in Sonoma County

**Geology of Sonoma Mountain
Regional Park in Santa Rosa**



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