

Earthquakes, Volcanoes, and Tsunamis: Projects and Principles for Beginning Geologists

Matthys Levy, Mario Salvadori



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Earthquakes, volcanoes, and tsunamis don't happen every day, so how can budding scientists study how they work? Through experiments, models, and demonstrations. This in-depth resource will teach readers how to build a seismograph to record a simulated earthquake, compare pressure waves and shear waves—the two types of ground shocks—using a Slinky, and replicate a tsunami's destructive effect on a "coastline" built in a bathtub. Authors Matthys Levy and Mario Salvadori even discuss issues of modern architecture and civil engineering: how science can be used to protect buildings and property in earthquake-prone areas.

Earthquakes, Volcanoes, and Tsunamis answers a wide array of questions about these phenomena. Can animals "predict" earthquakes? How have various cultures explained the movement of the earth throughout history? What is the Richter scale, and what does it tell us about the strength of a quake? And most important, readers will learn how to earthquake-proof their homes, and how to protect themselves should they experience a tremor.

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The e-book untitled Earthquakes, Volcanoes, and Tsunamis: Projects and Principles for Beginning Geologists is the book that recommended to you to learn. You can see the quality of the guide content that will be shown to anyone. The language that creator use to explained their way of doing something is easily to understand. The writer was did a lot of exploration when write the book, hence the information that they share to your account is absolutely accurate. You also will get the e-book of Earthquakes, Volcanoes, and Tsunamis: Projects and Principles for Beginning Geologists from the publisher to make you a lot more enjoy free time.

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