

References and Further Reading

Chapter 6: Volcanoes and Other Mountains

The USGS Volcano Hazards program site (<http://volcanoes.usgs.gov>) is a great place to start if you are looking for information on volcanoes, including information about the products of eruptions and the Volcano Disaster Assistance Program. (Check out their photo glossary.) In addition, the Cascades Volcano Observatory (CVO; <http://vulcan.wr.usgs.gov/>), one of our favorite geology sites anywhere, has lots of information and images about all the volcanoes of the Cascade Range, especially Mount St. Helens. For information on where volcanoes are currently erupting, you should visit the Smithsonian's Global Volcanism Program (<http://www.volcano.si.edu/>). Their weekly volcanic activity reports describe the characteristics of ongoing eruptions.

For more about the different types of volcanoes, have a look at Volcanoes, (<http://pubs.usgs.gov/gip/volc/>) by Robert Tilling. Another useful online text is Eruptions of Mount St. Helens: Past, Present, and Future, (<http://pubs.usgs.gov/gip/msh>) by Robert Tilling, Lyn Topinka, and Donald Swanson. In addition, we used information from an article by John Ewert and Christopher Harpel, In harm's way: Population and volcanic risk, (Geotimes, 2004, May, p. 14-17). Work by many USGS volcanologists is summarized in various reports available at the CVO site. You can follow along the daily events in the eruption of Mount St. Helens from the CVO site at <http://vulcan.wr.usgs.gov/Volcanoes/MSH/May18/MSHThisWeek/>.

There is not nearly as much out there about mountains as there is about volcanoes. Some of the best discussions of the link between mountains and plate tectonics is at Rob Butler's Dynamic Earth site (<http://earth.leeds.ac.uk/dynamicearth/index.htm>) that we mentioned in the Plate Tectonics chapter summary. Note especially his "Why topography?" and "Himalayan Tectonics" links. We learned a lot about the influence of erosion on the rise of the Himalayas from an article by Nicholas Pinter and Mark Brandon (Scientific American, April, 1997, p.74-79). The link between uplift and climate is discussed in an online Oceanus article, Moving Earth and Heaven, by Peter Clift, available at the Woods Hole Oceanographic Institutions website (<http://www.whoi.edu/oceanus/viewArticle.do?id=2510>).