

References and Further Reading

Chapter 13: Oceans and Coastlines

A great source of information about all things related to the oceans is the online journal Oceanus (<http://www.whoi.edu/oceanus/>). Their archive of all sorts of very readable articles stretching back for more than 10 years means that you can almost always find something about a topic you are interested in at this site. Oceanus is produced by the Woods Hole Oceanographic Institution (WHOI), a leading ocean research institution; check out their website <http://www.whoi.edu>. Another major source of information on the oceans and coasts is the USGS Coastal and Marine Geology program (<http://marine.usgs.gov>).

Information on the bathymetry of the ocean floor is available at the National Oceanic and Atmospheric Administration's (NOAA) National Geophysical Data Center (NGDC) (<http://www.ngdc.noaa.gov/ngdc.html>). Check out the coastal relief models available at (<http://www.ngdc.noaa.gov/mgg/coastal/coastal.html>).

For more on the use of marine organisms to measure the characteristics of the oceans, visit <http://www.jpl.nasa.gov/news/features.cfm?feature=1283> or the Tagging of Pacific Pelagics (TOPP) site (<http://www.topp Census.org/>). One of the best sites for information on the ocean surface currents is available at a site jointly run by the University of Miami's Rosenstiel School of Marine and Atmospheric Science and the National Oceanographic Partnership Program

(<http://oceancurrents.rsmas.miami.edu/atlantic/atlantic.html>). When we last visited, the site only had details of the major surface currents of the Atlantic Ocean. For more on research investigating the link between surface currents and deep currents see <http://www.giss.nasa.gov/research/news/20040812/>.

NOAA's National Ocean Service has produced a tutorial on tides at <http://www.oceanservice.noaa.gov/education/kits/tides/welcome.html>. Wave energy is getting increased attention as a potential energy source in the future, you can learn more about wave energy at How Stuff Works (<http://science.howstuffworks.com/wave-energy.htm>).

Few states are as well known for their beaches as Florida and you can learn more about Florida's beaches and coastal development programs at <http://www.dep.state.fl.us/beaches/>. The economic impact of beach restoration in Florida is discussed in an online article at <http://www.dep.state.fl.us/beaches/publications/pdf/phase1.pdf>. The USGS online text, Coasts in Crisis (<http://pubs.usgs.gov/circ/c1075/index.html>), summarizes the threat to US coastlines. Finally, as we discussed in the chapter, thousands of images of the California coast are available online at <http://www.californiacoastline.org>. How many of the features discussed in the chapter can you find along the coast of California?