






Table 5.12. Examples of structures humans have build to prevent erosion along shorelines.

Type	Definition	Diagram
Seawall	A rigid wall structure made of cement or other building materials placed parallel to a shoreline	 <p>Image courtesy of Geert Schotanus, Flickr https://www.flickr.com/photos/22410227@N04/2741781286/</p>
Rip Rap	Loose collections of large rock or cement blocks placed along a shoreline	 <p>Image courtesy of Greensheep, Wikimedia Commons http://commons.wikimedia.org/wiki/File:11-8-07_ripRap_photo.jpg</p>
Groin (or groyne)	A rigid structure often built perpendicular to the shoreline that interrupts water flow and movement of sediment	 <p>Image courtesy of Pkuczynski, Wikimedia Commons http://commons.wikimedia.org/wiki/File:Niechorze_Widok_z_latarni_3_%28Piotr_Kuczynski%29.jpg</p>
Breakwater	Offshore structures made of large boulders or cement blocks used to protect anchorages or harbor entrances from wave energy	 <p>Image courtesy of Claus Ableiter, Wikimedia Commons http://en.wikipedia.org/wiki/File:Portland_harbour_hood_entrance.JPG</p>
Jetty	A rigid structure built in pairs perpendicular to the shoreline to stabilize inlet channels	 <p>Image courtesy of WPPilot, Wikimedia Commons http://commons.wikimedia.org/wiki/File:Fort_Pierce_Inlet_Fort_Pierce_Florida_photo_D_Ramey_Logan.jpg</p>