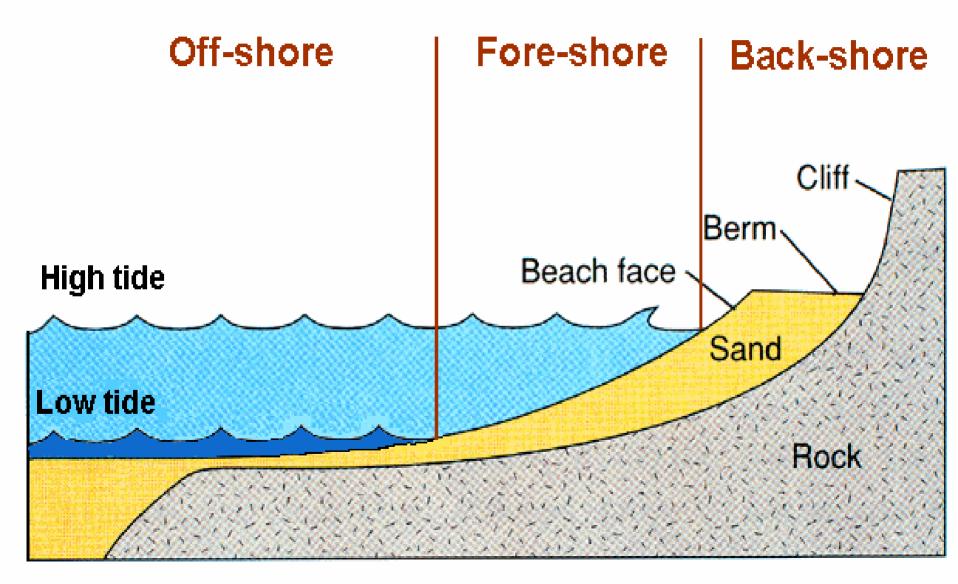
Coasts

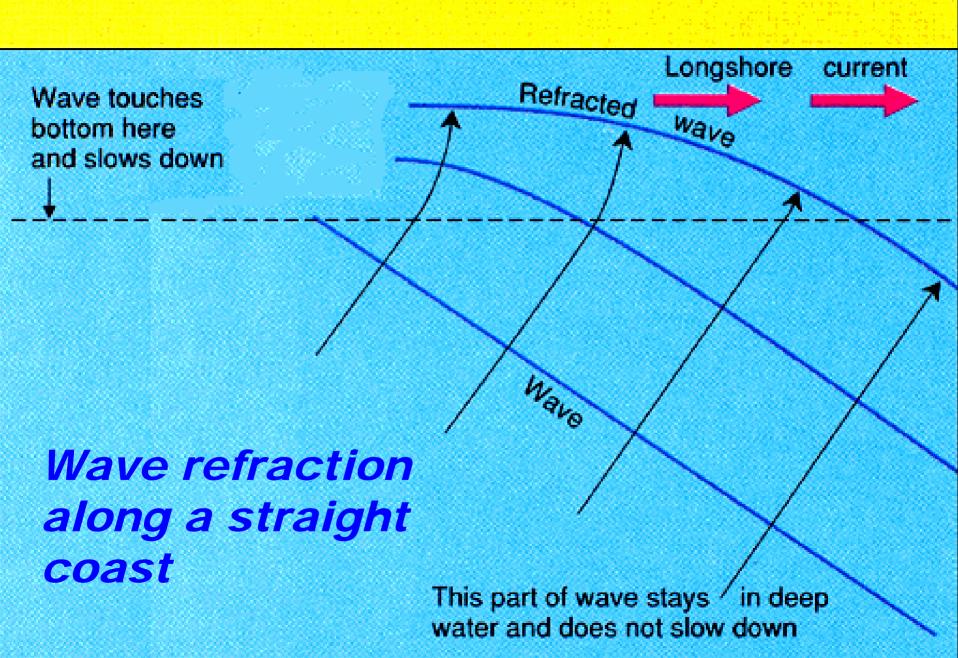
Coasts can be

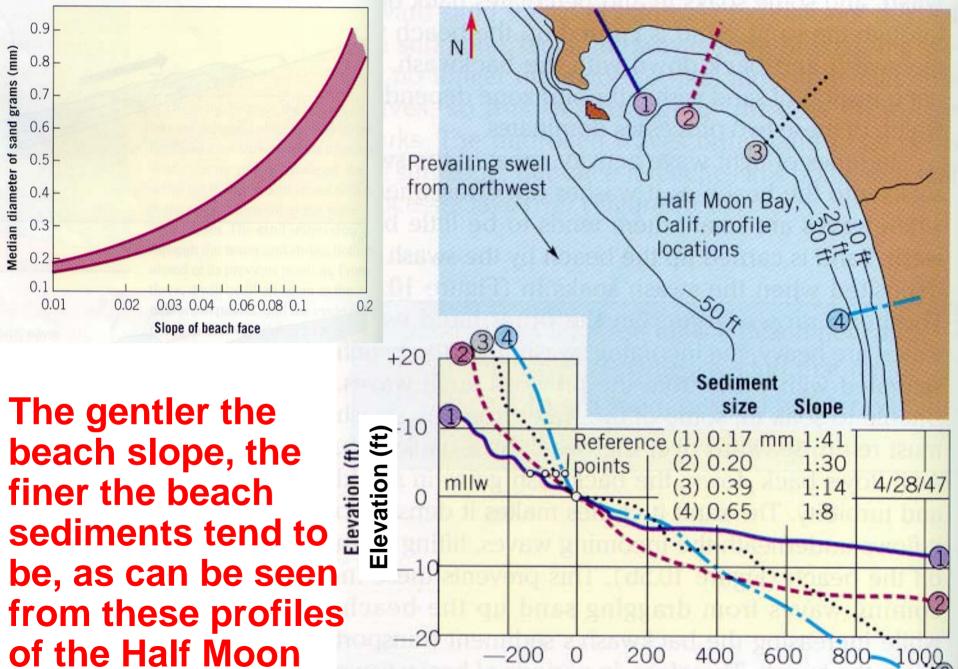
- active or passive
- erosional or depositional

Parts of a beach



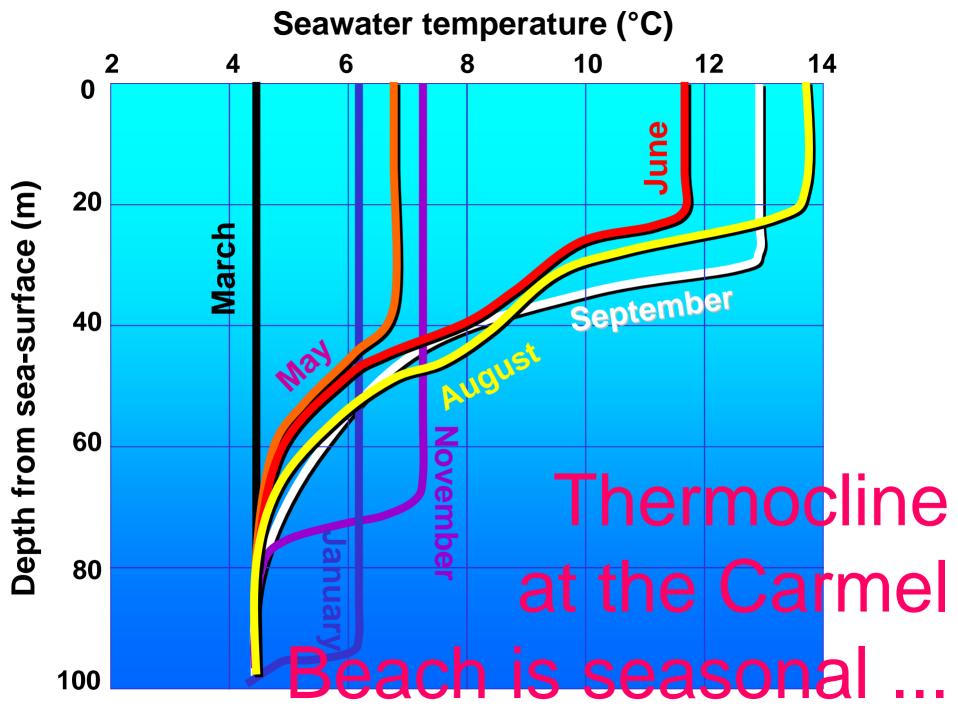
Beach

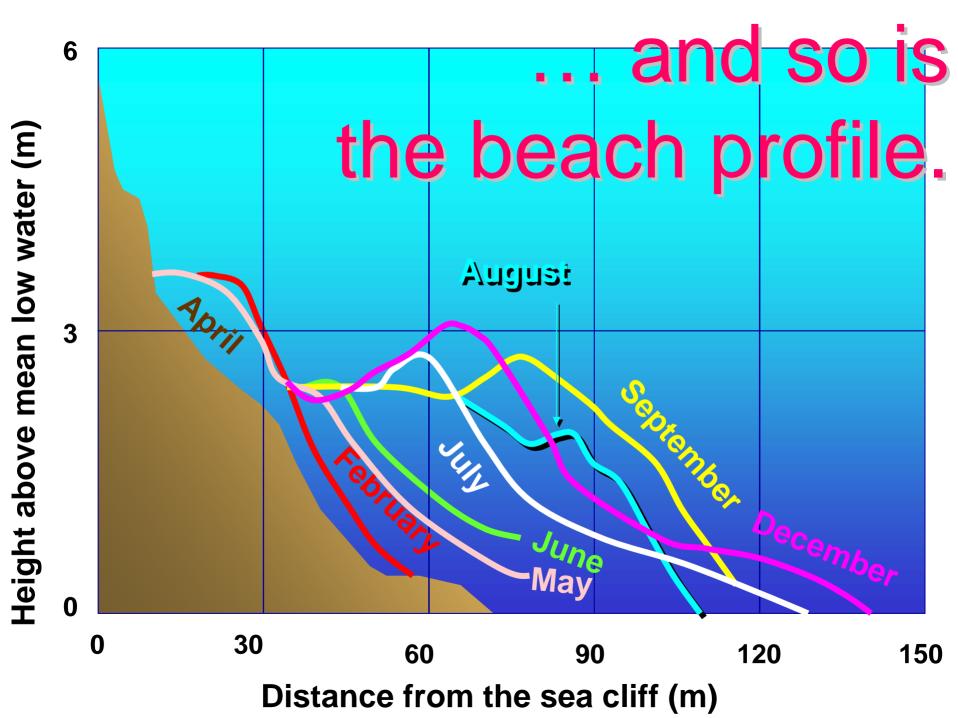




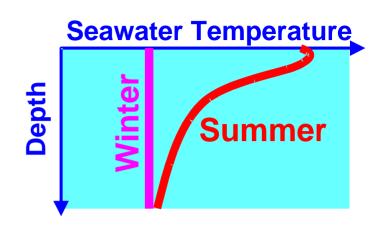
Distance (ft)

Bay, California.

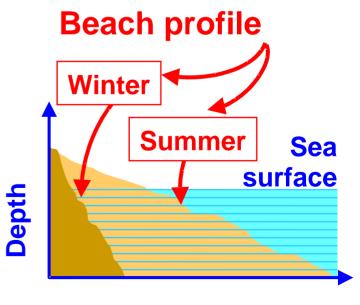




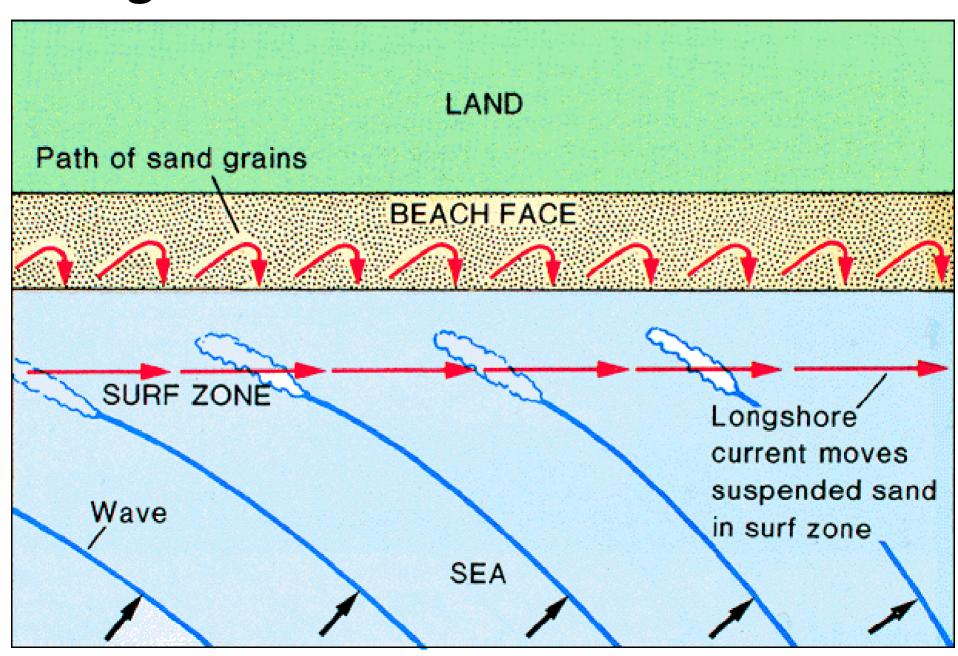


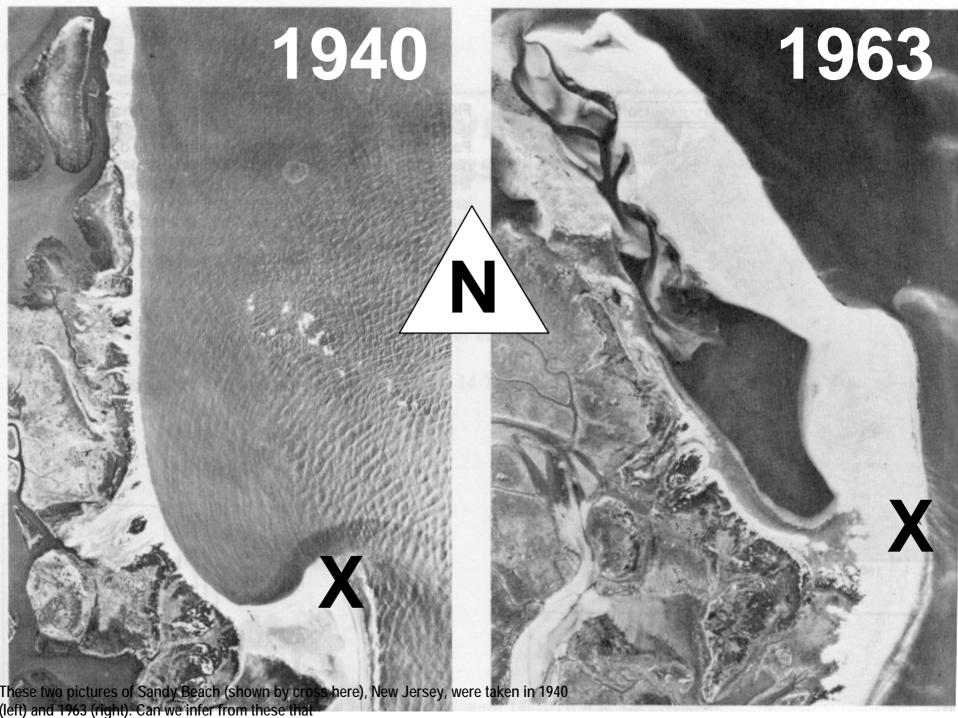






Longshore current and littoral drift

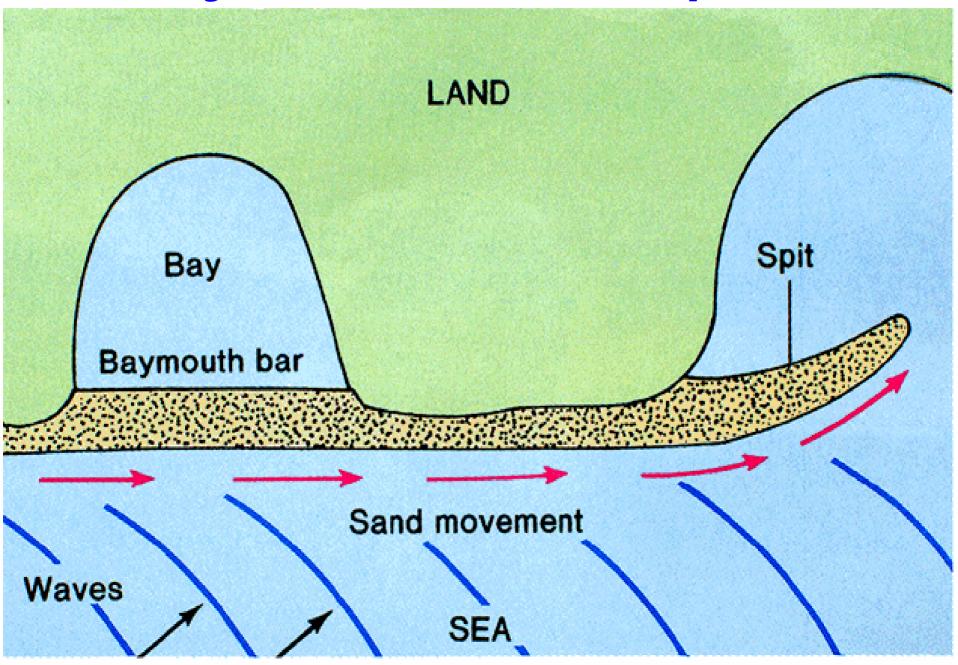




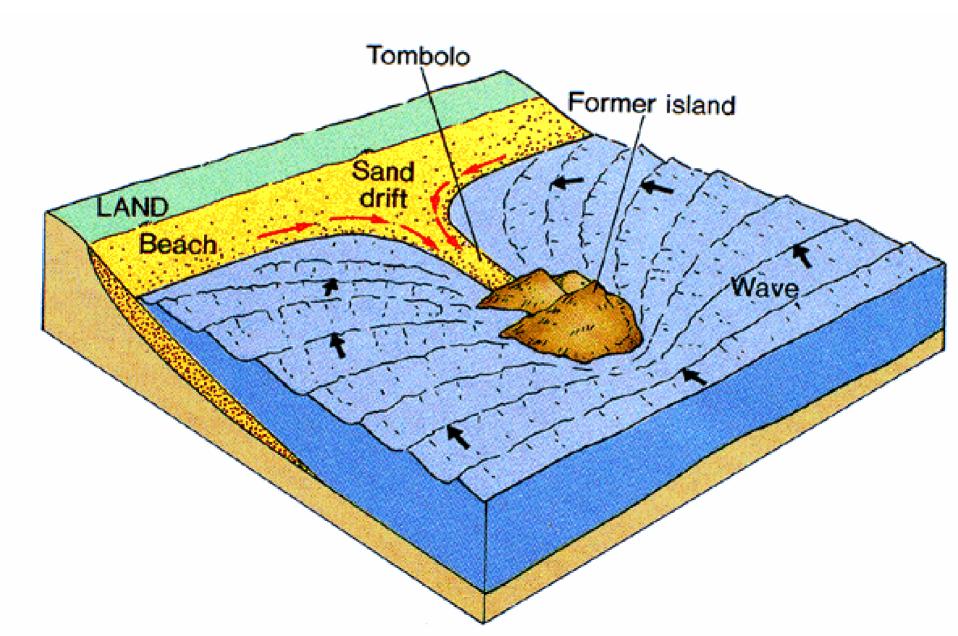


... and the one on the right was taken sometime in 1995.

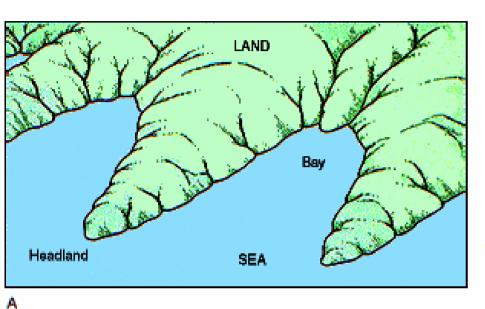
How baymouth bars and spits form

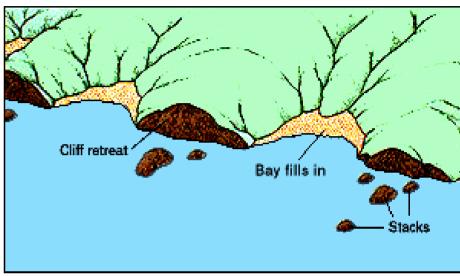


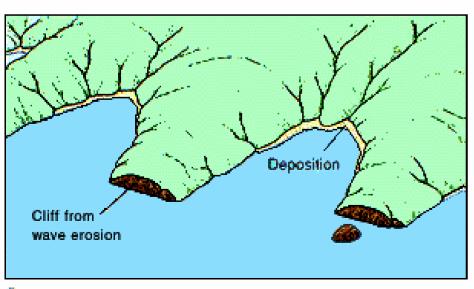
Formation of a tambolo

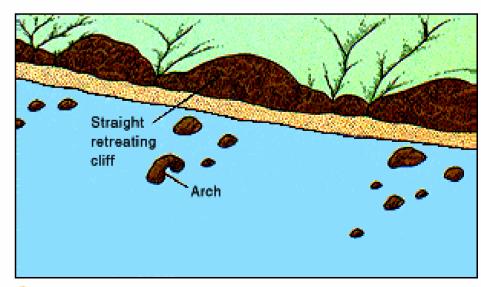


Coastal straightening by wave-erosion



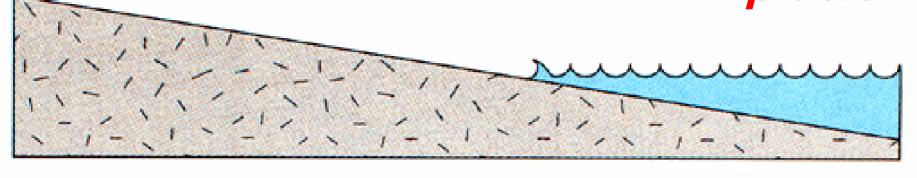


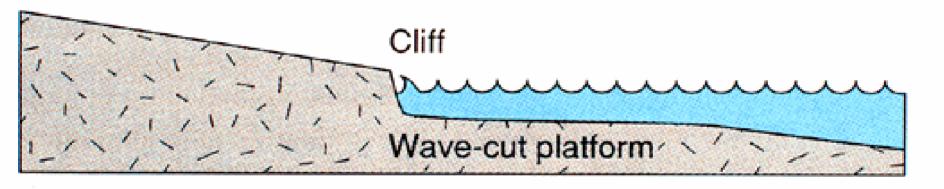


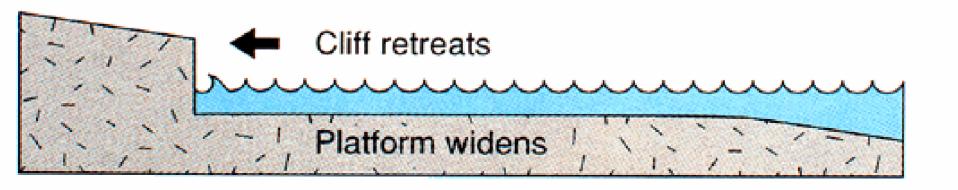


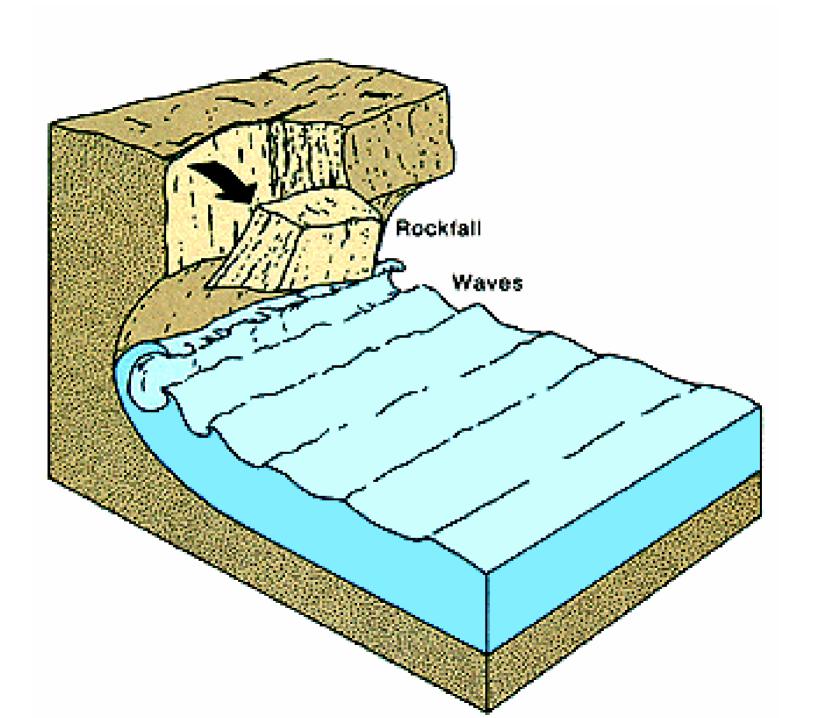
В

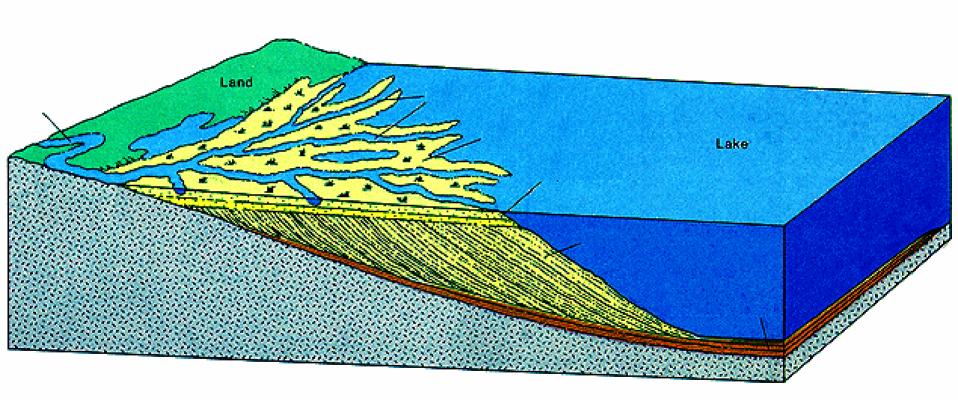
The development of a wave-cut platform

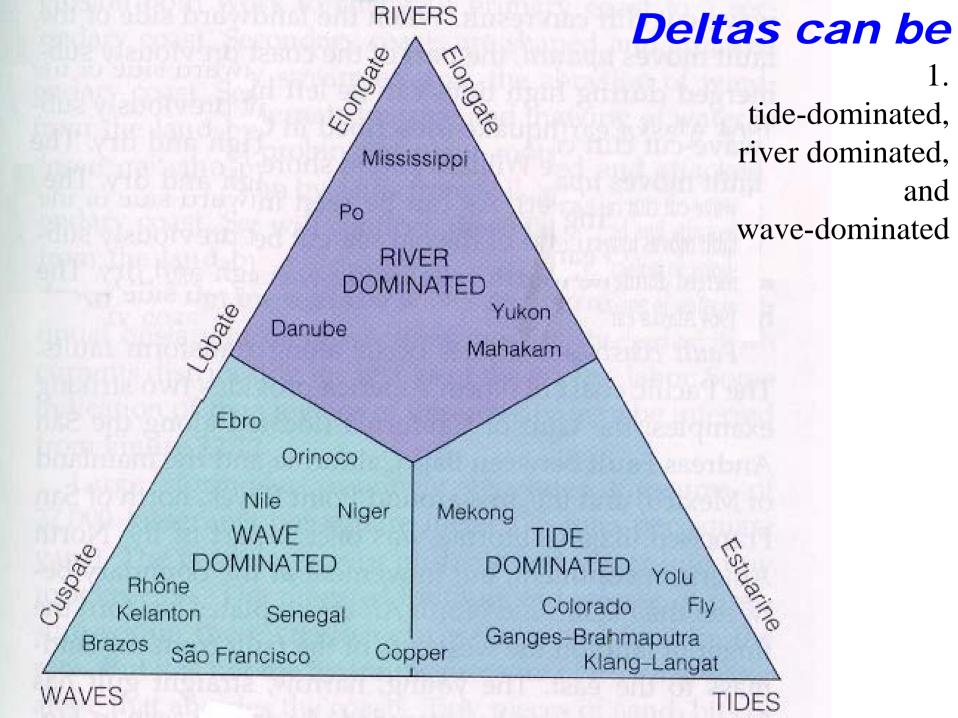


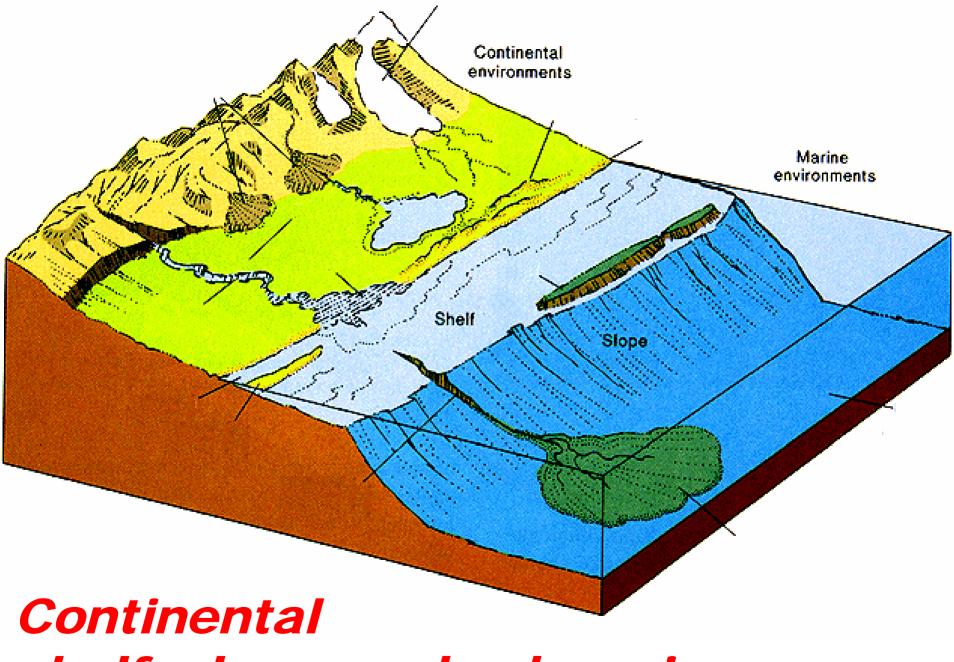






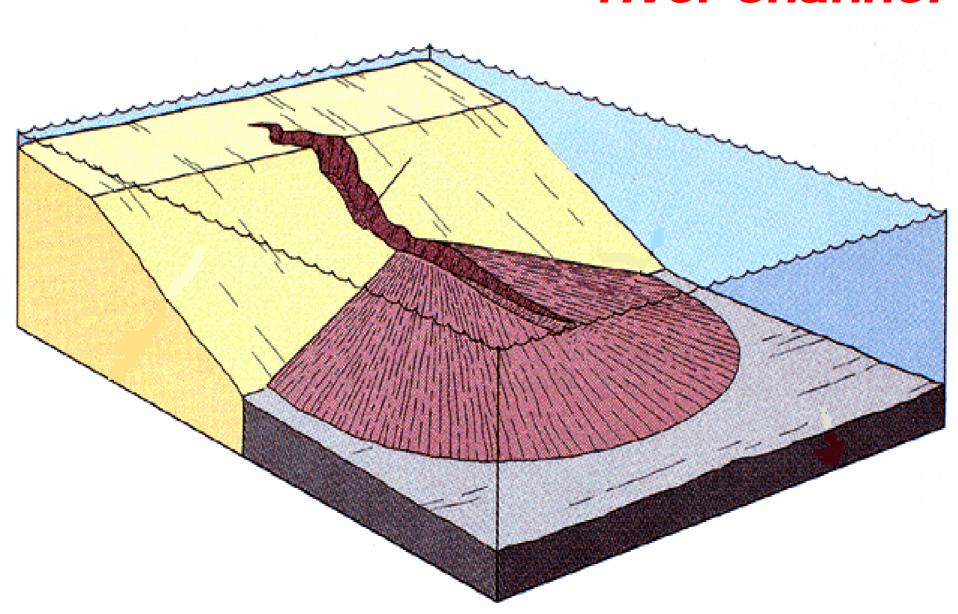


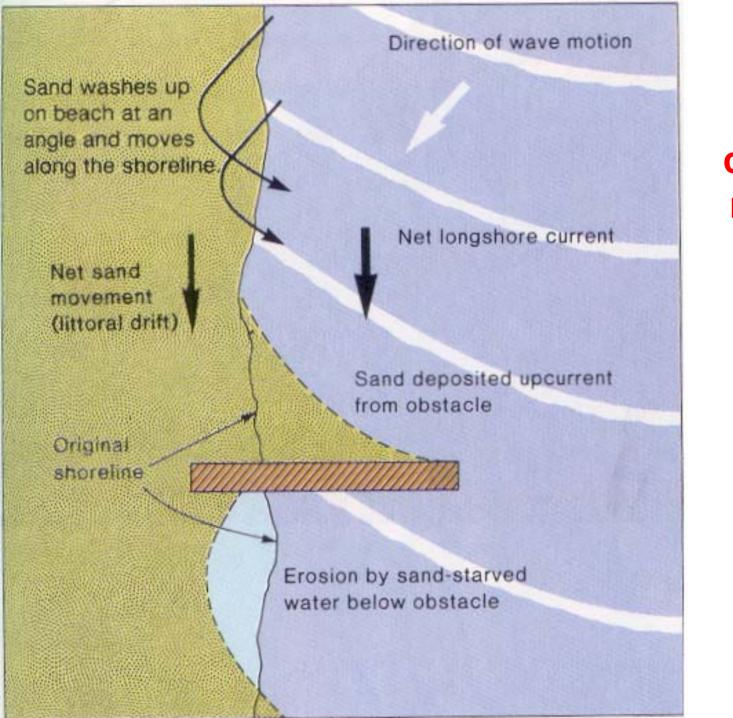




shelf, slope, and submarine canyon

A submarine canyon is a collapsed river channel





How construction modifies the shoreline:

• The constructing a groin or a pier, i.e., a structure perpendicular to the shoreline

How construction modifies the shoreline:

 Constructing a breakwater wall means sand pileup right behind the breakwater wall and erosion downstream

