

Where do waves get their energy?

What is moving as a wave approaches the coast?

Describe wave motion in detail.

What is wave base? How it is determined?

What happens when wave base intersects the seafloor? Describe in detail.

What is a tsunami? Describe in detail.

What is refraction, and how does it tend to even out an irregular coastline?

Describe how longshore currents transport sediments along the beach face.

Why do beaches change from season to season?

How do dams affect beach erosion?

How does the moon affect the tides?

How does glacial activity affect sea level?

What is a eustatic sea level change?

What is the greenhouse effect?

How are the use of fossil fuels causing changes in earth's greenhouse levels?

What is the role of the geologist in the protection of the coastlines?