

Identify the origin and direction of alongshore transport from clear littoral clues (i.e., spits, cusped forelands, bluffs, and rivers).

Know the relative transport capacity of (storm) swash, tidal currents, and rivers.

Identify regions on a topological/geological map most prone to landsliding.

Describe at least two human activities that exacerbate landsliding.

Describe at least two signs that a slope could be unstable or moving.

Name at least two “soft” mitigation strategies to prevent landsliding.

Name at least two “soft” mitigation strategies for coastal/beach erosion.

Name at least two effects of shoreline hardening (bulkheading).

Explain the origin of:

Berms

Longshore bars

Armoring

Landsliding (along coastal bluffs)

Identify and distinguish the following features:

Cusped foreland

Berm

Longshore bar

Tombolo

Spit

Beach cusp

Define:

Littoral drift

Littoral cell

Swash

Berm

Beach cusp

Beach nourishment

Shear stress