

AQA Geography

Coastal Systems and Landscapes

Definition Flashcards

Abrasion

Abrasion

A form of erosion where loose material 'sandpapers' the walls and floors of the river, cliff or glacier

更多信息请联系

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Backshore

www.alevel.org.com

www.qyconsult.com

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Backshore

The upper beach closest to the land,
including any cliffs or sand dunes

Beach Morphology

Beach Morphology

The surface shape of the beach

Coastal Recession

Coastal Recession

The retreat of a coastline due to erosion, sea-level rise or submergence.

Concordant Coast

Concordant Coast

A coastline where bands of alternate geology run parallel to the coast.

Dalmatian Coast

Dalmatian Coast

A concordant coastline with several river valleys running perpendicular to the coast. They become flooded to produce parallel long islands and long inlets

DEFRA's 1:1 Cost-Benefit Analysis

DEFRA's 1:1 Cost-Benefit Analysis

The evaluation of a coastal town's economic value compared to the cost of the management required.

Discordant Coast

Discordant Coast

A coastline where bands of alternate geology run perpendicular to the shore

Dynamic Equilibrium

Dynamic Equilibrium

Where a natural system tries to achieve a balance by making constant changes in response to a constantly changing system.

Emergent Coast

Emergent Coast

A coastline that is advancing relative to the sea level at the time.

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Eustatic

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Eustatic

Global changes to sea levels.

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Foreshore

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Foreshore

The lower part of the beach covered twice a day at high tide (the part of the beach that receives the most regular wave action)

Freeze Thaw

Freeze Thaw

A form of physical sub-aerial weathering where water freezes in the cracks of a rock, expands and enlarges the crack, therefore weakens the rock.

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Geology

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Geology

The structure and arrangement of a rock.

Glacial Erosion

Glacial Erosion

The removal of loose material by glacier ice, involving plucking, abrasion, crushing and basal meltwater.
(necessary in the formation of Fjords)

Grading

Grading

The layering of sediments based on their size

High-energy environment

High-energy environment

A coast where wave action is predominantly large destructive waves, causing much erosion.

Impermeable

Impermeable

A rock that does not allow rainwater to pass through.

Isostatic

Isostatic

A change in local coastline or land height relative to the sea level.

Littoral Cell

Littoral Cell

A section of the coast, within which involves much sediment movement. A littoral cell is not a closed system.

Permeable

Permeable

A rock that allows rainwater to pass through it.

Plant succession

Plant succession

Change to a plant community due to growing conditions adapting (eg. sand dunes and salt marshes)

Subaerial Processes

Subaerial Processes

The combination of mass movement and weathering that affects the coastal land above sea.

Submergent Coast

Submergent Coast

A coast that is sinking relative to the sea level of the time.

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Till

Deposits of angular rock fragments in a finer medium.