



Coastal Processes
Geography – Junior Cert
Quick Notes

Coastal Processes

The sea erodes the coast in five ways – hydraulic action, compressed air, corrosive action, attrition and solution. Features of marine erosion include bays, headlands, cliffs, caves, blowholes, arches, stacks and stumps. Coastal deposition occurs when material which has been eroded by the sea is transported and deposited by the process of longshore drift. Features of marine deposition include beaches, spits, bar, lagoons, tombolos and sand-dunes. Pollution of coastal areas is increasing. Beaches attract thousands of holiday makers every year and this puts coastal areas under pressure. The coast may be protected by groynes, sea walls or gabions.