Whitley Bay
Tynemouth
North Shields
South Shields
Sunderland T & W
Seaham
Hawthorn, Dur
Peterlee
Seaton Carew
Sedgefield
Wolviston
Billingham
Redcar
Saltburn-by-the-Sea
Stockton-on-Tees
Middlesbrough
Guisborough
Loftus
Yarm
B1
Densely populated; industrial and commercial interests (port, tourism, fishing); beaches with undeveloped sand dunes; area covered by warring. SAMs.
Hold the Line (Strategy Plan)
B2
Magnesian Limestone cliffs; low impact recreation and nature conservation; SSSI, National Trust ownership; no development at risk from erosion
Do Nothing
B3
Cliffs and rock outcrops; tourist facilities; National Trust land; nature conservation area (SSSI; development close to cliffs; SAM
Do Nothing (Monitor, Strategy Plan)
B4
Cliffs and rock outcrops; quarries; nature conservation interests (SSSI); low-impact recreation; bathing beach; some development close to cliffs.
Do Nothing (Monitor, Strategy Plan)
B5
Area covered by flood warning; development close to shoreline; commercial/residential properties; tourist facilities; bathing beach; fishing.
Hold the Line (Strategy Plan)
B6
Significant residential and commercial interests; tourist facilities; bathing beach; geological interest (RIGS/SNCI).
Hold the Line (Strategy Plan)
B7
Area covered by flood warning; residential, commercial and industrial interests (docks, fishing, tourism/leisure); development includes now STW at Hendon.
Hold the Line (Strategy Plan)
B8
Area covered by flood warning; development proposals for hinterland including dismantled railway; existing coastal defences.
Hold the Line (Options Study)
B9
Limestone cliffs; agricultural and recreational interests, nature conservation value (denes); geological interest (RIGS); no development at risk from erosion.
Do Nothing (Monitor)
C1(B10)
Commercial and residential interest; redevelopment of disused collieries; fishing and port activities (Harbour);tourist facilities; archaeological and geological interests (SSSI); colliery spoil on beaches south of the harbour.
Hold the line (Strategy Plan)
C2
Magnesian limestone cliffs; low-impact recreation and nature conservation interests; National Trust land (SSSI); railway viaducts over denes; no development at risk from erosion; colliery spoil an artificial defence.
Do Nothing (Monitor)
C3
Magnesian limestone cliffs; nature conservation interests (SSSI,pSAC,NNR), low-impact recreation, no development at risk from erosion; colliery spoil on artificial defence; new STW and long sea outfall at Hendon.
Do Nothing (Monitor)
C4
Low cliffs fronted by vegetated sand dunes; nature conservation interests (SSSI); low-impact recreation including Hart Warren Golf Course, designated bathing water; no build development at risk from erosion.
Do Nothing (Monitor)
C5
Relatively low-lying land, some local dune development; land owned by Britmag and works located close to shore, SSSI.
Hold the Line (Strategy Plan Required)
C6
Hartlepool Headland and Marina; residential, commercial (port) and recreational interests; Hartlepool Wall is designated SAM; SSSI (both biological and earth science); fishing interests including local auction hall.
Hold the Line (Strategy Plan Required)
C7
Relatively low-lying land; remains of submerged forest in Hartlepool Bay; RIGS (Long Scar); SSSI (earth science interest); limited development although proposals; area covered by flood warning; designated wreck site.
Hold the Line (Strategy Plan Required)
C8
Relatively low-lying land; RIGS (Little Scar); nature conservation interests (SSSI and SPA/Ramsar); residential area and associated infrastructure; two designated bathing beaches.
Hold the Line (Strategy Plan Required)
C9
Sand dune system fronting grazing marshland; nature conservation interests (SSSI, SPA/Ramsar, NNRI), agriculture and recreational value (golf course and bating water).
Do Nothing (Monitor)
C10
Residential area; recreation facilities (including bathing waters) Redcar Rocks SSSI,SPA/Ramsar, fishing interests (cobbles from slipways).
Tees estuary; commercial and industrial uses (power station, port etc); dredging of river channel; development proposals, nature conservation value (SSSI's SPA/Ramsar, NNR); sand extraction from North Gate.
Hold the Line (Strategy Plan Required)
C11
Hold the Line (Strategy Plan Initiated)
C12
Do Nothing (Monitor)
C13
Hold the Line (Strategy Plan Required)
C14
Do Nothing (Monitor)
C15
Do Nothing (Monitor)
C16
Hold the Line (Strategy Plan Required)
D0
Do Nothing (Hold the Line)
D1A
Largely undeveloped except for Coast Road, open areas for agricultural and leisure use; low boulder clay cliffs with some sand dune development, local nature conservation value.
D1B
Smallest unit in the sub-cell; residential properties close to cliff edge; ecreational and fishing interests; hinterland in designated Conservation Area.
D1C
Residential properties and cemetery relatively close to shore; low boulder clay cliffs; local nature conservation value; designated bathing beach.
D2A
Largely undeveloped area of value for agricultural interests and recreation (including bathing water);cliffs are gullied and back sandy beaches; local nature conservation value.
D2B
Developed area with both residential and recreational interests (watersports centre); heritage interests including Saltburn Pier; high gullied cliffs; angling on Skelton Beck; designated bathing water.
Do Nothing Retreat the Line
Do Nothing
Do Nothing (Retreat the Line Hold the Line)
Hold the Line
Landslip potential present but risk drops as Jurassic rocks appear in cliff. Rock platform affords greater toe slope protection and land use changes, reducing process activity risk.
Combination of lithology, cliff type, rock platform toe slope protection and land use to rear of cliff result in low process activity risk.
Medium process activity risk with landslips present along coastal cliffs, although rock platform protection and engineering work to some extent ameliorate risks.
Landslip activity present along coastal cliffs with extensive undercliff in places although Jurassic strata at sea-level, rock platform protection and rear cliff rural land use reduce process activity risk.
D3A
Do Nothing
D3B
Do Nothing (Hold the Line)