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Beachy Head to Selsey Bill Shoreline Management Plan  
Appendix E: Issues and Objective Evaluation

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## Contents

E.1	ISSUES AND OBJECTIVES .....	4
E1.1	Introduction.....	4
E1.2	Background .....	4
E1.3	Methodology.....	5
E1.3.1	Identification of issues and objectives.....	5
E1.3.2	Explanation of column headings .....	5
E1.3.3	Objective evaluation .....	6
E1.4	Objective classification.....	7
E1.5	Glossary of Terms used in the Table .....	7
	The Issues and Objectives Table (note inverse order of Policy Units) .....	9

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## Contents by Policy Unit

Note the geographic breakdown of the appraisals presented in this Appendix is not necessarily the same as the final Policy Units (PU). Here the breakdown has been based upon coastal process and morphological changes along the shoreline. For ease of reference, the following table identifies the page number on which appraisals relevant to each PU start.

	<b>Policy Unit</b>	<b>Theme &amp; Page Number Issues &amp; Objectives</b>
4d01	Beachy Head to Cuckmere Haven	79/81
4d02	Cuckmere Haven	76
4d03	Seaford Head	74
4d04	Seaford	71
4d05	Seaford (Tide Mills) to Newhaven Harbour	70
4d06	Newhaven Harbour and River Ouse	67
4d07	Newhaven Harbour to Peacehaven Heights	64
4d08	Peacehaven	62
4d09	Telescombe Cliffs	59
4d10	Saltdean to Rottingdean	57
4d11	Rottingdean to Brighton Marina	55
4d12	Brighton Marina to Portslade by Sea	49/53
4d13	Shoreham Harbour (Southwick)	46
4d14	River Adur	43
4d15	Shoreham Harbour to Worthing	38/41
4d16	Worthing to Goring-by-Sea	36
4d17	Ferring/ Kingston	34
4d18	Angmering-on-Sea to Littlehampton	31
4d19	River Arun	28
4d20	Littlehampton Harbour to Poole Place	26
4d21	Elmer	24
4d22	Middleton-on-Sea	23
4d23	Felpham to Aldwick	18
4d24	Aldwick to Pagham	17
4d25	Pagham Harbour & Church Norton	13
4d26	Church Norton to Selsey East Beach	11
4d27	East Beach to Selsey Bill	9

## E.1 ISSUES AND OBJECTIVES

### E1.1 Introduction

This appendix summarises the features, issues and objectives identified along the Beachy Head to Selsey Bill coastline, the setting and evaluation of objectives, together with the approach taken to identify and appraise the features, issues and objectives for the SMP.

The objective appraisal in Appendix G (Section G.3.2) presents the issues and objectives for the preferred policy scenario. The issues and objectives matching carried out in this document has been amended specifically for the preferred policy scenario and does not detract from the original evaluation of the issues and objectives performed for all policies, as in this appendix.

### E1.2 Background

The aim of the SMP is “to promote sustainable management policies, for a coastline for the 22<sup>nd</sup> century, which achieve objectives without committing to unsustainable defences”. Policy will be set for 3 time periods (epochs): 0 to 20, 20 to 50 and 50 to 100 years.

Key to developing robust and sustainable management policy has been the identification of features, issues and objectives for the SMP coast. These objectives were presented at the Key Stakeholder Forum on 27<sup>th</sup> November 2003. This workshop allowed discussion of future shoreline management policies, through bringing together an understanding of the issues, the risks, and an appreciation of other viewpoints. From this workshop it was possible to define various policy scenarios for further detailed testing

Any policy along the coast has to be set within existing legislation and other constraints, therefore in addition to the objectives identified through consultation, four *Overarching Objectives* must also be considered across the whole of the SMP area:

Framework Objective:	Shoreline management policies should comply with the current flood and coastal defence management framework where public funding would be required for their implementation.
Technical Objective:	Shoreline management policies should seek to have no adverse effect on any physical processes that benefits rely upon.
Environmental Objective:	Shoreline management policies should take due consideration of biodiversity, including the conservation of SSSIs, and seek to achieve Biodiversity Action Plan targets, e.g. High Level Target 4.
Socio-economic Objective:	Shoreline management policies should consider current regional development agency objectives and statutory planning policies.

The objectives were evaluated using the approach promoted by Defra guidance. The Defra guidance uses the principles of the Quality of Life Capital (QLC) approach, which was developed jointly by the Countryside Agency, English Nature, English Heritage and the Environment Agency to address environmental issues in decision-making. There is a focus on the services (termed as **benefits**) that a feature (e.g. a harbour) contributes to a location, a region or the nation, which helps clarify why that feature on the coast may or may not require protection. The understanding of why a feature is important to stakeholders, either locally or nationally also helps ensure the process is transparent.

### **E1.3 Methodology**

#### **E1.3.1 Identification of issues and objectives**

The Issues and Objectives Table was populated using information from the Theme Review ([Appendix D](#)) and also inputs from both the Client Steering Group (CSG) and stakeholders. The role of the stakeholder is to **steer** policy decisions, (see [Appendix B](#)) for further details on stakeholder involvement.

All the information has been recorded in a table to ensure clarity and transparency. Issues and objectives were considered in the Table under a number of headings (a) to (f), described in detail in Section E.1.3.2.

#### **E1.3.2 Explanation of column headings**

##### **(a) Feature**

This is defined as something tangible that provides a benefit or service to society in one form or another. The feature will relate to the benefit(s) that it provides and SMP policy will address objectives that relate to a feature.

##### **(b) Issues associated with feature**

This column identifies all issues associated with that feature. Issues may occur where either a feature is at risk from flooding or erosion or where management intervention could impact upon a feature.

##### **(c) Affect Policy?**

This states whether the feature and its associated issues are of direct relevance to policy decisions; although an issue may be deemed to be of flood and coastal defence management relevance, it may still not affect policy, e.g. offshore dredging or offshore fisheries.

##### **(d) Why is the feature important?**

For those features and issues which are deemed to affect policy, this column identifies the tangible benefits of the feature.

It should be noted, however, that 'coastal processes' do not constitute a benefit, for example, sediment transport maintaining a beach that provides both a natural defence to a village and a recreational amenity would not be considered a benefit; instead the benefits would be the residential provision of the village and recreation.

**(e) Who benefits?**

This column identifies the key beneficiaries.

**(f) Objectives**

For each feature, where potential flood or coastal erosion related issues have been identified, a specific objective has been defined, based on the relevant specific issue and the benefits provided by that feature.

**E1.3.3 Objective evaluation**

The relative importances of the objectives were then evaluated, through answering a series of questions:

- At what scale is the benefit important?
- How important are these benefits to the people who use them?
- Is there enough of the benefit?
- Can the benefit be substituted?

Again this information has been derived from the Thematic Studies (see [Appendix D](#)) and has also involved the input from members of the CSG and Key Stakeholder Forum (KSF).

**(a) Scale? At what scale is the benefit important?**

This identifies the area over which the benefit has an impact of some significance, and has used the following classes:

International	Beyond the UK
National	UK
Regional	South East England
Sub-Regional	Typically the county within which the feature is situated, but for major coastal towns this is the town envelope and the immediate surrounding rural area.
Local	The immediate vicinity of the feature in question. For coastal villages and other rural communities this includes that part of the county, and may include the nearest town that provides main services such as shops, banking, leisure and recreational facilities.

**(b) Importance? (Importance of these benefits to the people who use them?)**

This considers the scale of the impact should that feature/benefit be lost tomorrow and has used the following classes:

High	Loss tomorrow would significantly influence stakeholder daily life/ work/ management practices (significance change to socio-economic status or quality of life)
Medium	Loss tomorrow would partially influence stakeholder daily life/ work/ management practices (moderate change to socio-economic status or quality of life)
Low	Loss tomorrow would have little or no influence on stakeholder daily life/ work/ management practices

**(c) Enough? (Is there enough of the benefit?)**

This identifies how scarce or rare a benefit is, at the scale at which it is important. As part of this, consideration needs to be given to whether other sites/areas can be found where this benefit is provided (e.g. inland or further along the coast, etc).

**(d) Replace? (Can the benefit be substituted?)**

This identifies whether the benefit could be replaced at the appropriate scale and considers the practicability of substitution: some benefits can be substituted whilst others can not, for example it may be possible to divert a threatened footpath and preserve the recreational benefit that it provides whilst ancient woodlands are impossible to recreate within the timescale of the SMP.

Although the SMP can address whether it is technically possible to replace a benefit, it is not necessary to define whether it is operationally possible (i.e. the new site secured and the necessary funding in place), as this assessment is only used to evaluate the objective, not appraise policy.

**E1.4 Objective classification**

Using the answers to the above questions (a) to (d), the objectives have been broadly classified by theme and each feature/ benefit has been attributed a rank, which includes a letter and a number. The letter refers to the theme (see list below) and the number defines the relative significance, with 1 being the highest rank in each theme.

As it has been recognised that it is not possible to compare different types of features, e.g. environment site with housing, the ranking criteria is specific within each of the following themes:

- Housing (H)
- Commercial and agricultural property (C)
- Natural environment (E)
- Heritage (G)
- Infrastructure (roads, pipelines, etc.) (I)
- Landscape (L)
- Recreation (R)

**E1.5 Glossary of Terms used in the Table**

<b>Abbreviation</b>	<b>Term in Full</b>	<b>Definition</b>
AONB	Area of Outstanding Natural Beauty	Designated by the Countryside Commission. The purpose of the AONB designation is to identify areas of national importance and to promote the conservation and enhancement of natural beauty. This includes protecting its flora, fauna, geological and landscape features. This is a statutory designation.
SAC	Special Area of Conservation (SAC)	This designation aims to protect habitats or species of European importance and can include Marine Areas. SACs are designated under the EC Habitats Directive (92/43/EEC) and will form part of the Natura 2000 site

<b>Abbreviation</b>	<b>Term in Full</b>	<b>Definition</b>
		network. All SACs sites are also protected as SSSI, except those in the marine environment below the Mean Low Water (MLW).
Feature		Something tangible. This will be of a specific geographical location and specific to the SMP.
Issue		All issues and aspirations related to flood and coastal defence.
LNR	Local Nature Reserves	These are established by local authorities in consultation with English Nature. These sites are generally of local significance and also provide important opportunities for public enjoyment, recreation and interpretation. This is a statutory designation.
Location		A discrete point on the coast or a length of coastline between two defined points.
NAI	No Active Intervention	Where there is no investment in coastal defence assets or operations, i.e. no shoreline management activity (as defined by 2001 SMP Guidance).
NNR	National Nature Reserves	Designated by English Nature. These represent some of the most important natural and semi-natural ecosystems in Great Britain, and are managed to protect the conservation value of the habitats that occur on these sites. This is a statutory designation.
RNLI	Royal National Lifeboat Institution	Organisation providing a search and rescue service.
SMP	Shoreline Management Plan	Document that provides a large-scale assessment of the risks associated with coastal processes and presents a policy framework to reduce these risks to people and the developed, historic and natural environment in a sustainable manner.
SPA	Special Protection Area (SPA)	Internationally important sites, being set up to establish a network of protected areas of birds.
SSSI	Sites of Special Scientific Interest	These sites, notified by English Nature, represent some of the best examples of Britain's natural features including flora, fauna, and geology. This is a statutory designation.



# The Issues and Objectives Table (note inverse order of Policy Units)

## 4d27 East Beach to Selsey Bill

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to >100 houses through flooding or erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion ( <b>socio-economic</b> )	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	High	No	Yes	2H
Commercial properties	Potential loss of or damage to tourism and commercial premises (which are few but increasing) through flooding or erosion.	Yes	Importance of tourism to regional economy. Impacts on community cohesion. ( <b>socio-economic</b> )	Regional community and economy.	Prevent loss or damage due to erosion or flooding	Regional	High	No	Yes	2C
Commercial interests	Potential loss of business at Selsea (sic) Crab and Lobster Co resulting from disruption to shellfishery	Yes	Importance to local economy ( <b>socio-economic</b> )	Local economy.	Prevent damage to fishery – NB extends beyond MU1/MU2	Local	Medium	No	Yes	5C
Infrastructure (services)	Potential loss of or damage to local services through flooding or erosion.	Yes	Services to homes and businesses, plus storm water outfalls to sea ( <b>socio-economic</b> )	Local community and economy	Maintain services to properties in Selsey	Local	Low	Yes	Yes	6I
Infrastructure (transport)	Potential loss of or damage to local roads through flooding or erosion.	Yes	Access to homes and businesses ( <b>socio-economic</b> )	Local community and economy	Maintain communication links within Selsey	Local	Medium	No	No	5I
Amenity open space	Potential threat to recreation areas from flooding or erosion	Yes	Important amenity areas for local residents and visitors to area. ( <b>socio-economic</b> )	Local community and tourists.	Prevent loss due to flooding or erosion	Local	Low	No	Yes	4R

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Promenade	Impacts on businesses on the promenade through erosion, repeated flooding, or inappropriate management of defence	Yes	Businesses support local economy and provide facilities for visitors. Beach and promenade along seawall are used for walking and general recreational activities. <b>(socio-economic)</b>	Local economy, residents and tourists	Maintain promenade	Sub-regional	Low	No	Yes	4R
Beach access	Potential loss of access to beach, including East Beach car park, through erosion or management measures	Yes	Provides access for local fishing industry, residents, tourists, maintenance contractors & emergency services. <b>(socio-economic)</b>	Local economy and community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R
Bathing beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is a major asset in attracting tourists and an important recreational feature of the town. <b>(socio-economic)</b>	Regional economy, businesses, residents and local community	Maintain a beach suitable for bathing / recreation	Sub-regional	Low	No	Yes	4R
Beach launch points	The way in which the coastline is managed may have an effect on the feasibility of launching vessels from the beach	Yes	There are a number of beach launch sites that are important for fishermen and recreation <b>(socio-economic)</b>	Local community and economy	Maintain boat launching opportunities	Local	Medium	No	Yes	5C/R
Slipway	Defence works may compromise the slipway	Yes	Slipway is important launching site for fishermen and recreational boats <b>(socio-economic)</b>	Local community and economy	Maintain boat launching opportunities	Local	Medium	No	Yes	5C/R
Selsey, East Beach SSSI (geol)	Way in which the coastline is managed may impact on geological value of beach by erosion or burial.	Yes	Geological value as SSSI, GCRS, RIGS <b>(environmental)</b>	National community	Avoid accelerated erosion or deposition	National	High	No	No	2E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Selsey, East Beach vegetated shingle	Way in which the coastline is managed may impact on stable shingle.	Yes	Biological value as national BAP habitat <b>(environmental)</b>	National community	Maintain or increase area of stable shingle	National	High	No	Yes	3E
Mixon Hole mSNCI	Way in which the coast is managed may impact this marine site	No	Offshore reef and marine SNCIs, also popular dive site <b>(environmental)</b>	Local and regional community	Avoid disturbance, accelerated erosion and deposition	Sub-regional	Medium	No	Yes	4E
Archaeology	Potential loss or damage of valuable features through erosion	Yes	A number of Archaeologically Sensitive Areas extending to most of the seafront of Selsey Bill <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion	National	High	No	No	2A
Selsey conservation area	Potential loss of or damage to heritage buildings through flooding or erosion.	Yes	Conservation Area with Listed buildings <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion or flooding	National	Medium	No	No	3A

#### 4d26 Church Norton to East Beach

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to <50 village houses through flooding or erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion. <b>(socio-economic)</b>	Local community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	4H
Commercial properties	Potential loss of or damage to properties (restaurants, private bird reserve on frontage) through flooding or erosion.	Yes	Local economy, Impacts on community cohesion <b>(socio-economic)</b>	Local community and economy.	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	5C

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Infrastructure (services)	Potential loss of or damage to local services through flooding or erosion.	Yes	Services to homes and businesses. <b>(socio-economic)</b>	Local community and economy	Maintain services to properties in Church Norton	Local	Low	Yes	Yes	6I
Infrastructure (transport)	Potential loss of or damage to local roads through flooding or erosion.	Yes	Access to homes and businesses. <b>(socio-economic)</b>	Local community and economy	Maintain communication links within Church Norton	Local	Medium	No	No	5I
Agricultural land	Potential loss of grade 2 land through erosion or flooding.	Yes	Economy/employment through farming. <b>socio-economic)</b>	Local agricultural economy	Prevent loss due to erosion or flooding	Regional	Low	Yes	Yes	4C
Caravan Park	Potential loss of or damage to site through erosion or flooding.	Yes	Local economy. Impacts on tourism economy. <b>(socio-economic)</b>	Local economy and regional tourists.	Prevent loss or damage due to erosion or flooding	Regional	Medium	Yes	Yes	3C
Coastal path	Potential further loss of sections of path through erosion.	Yes	Local amenity asset. <b>(socio-economic)</b>	Local community	Prevent loss due to erosion or flooding	Local	Medium	No	Yes	4R
Beach access	Potential loss of access to beach through erosion or management measures	Yes	Provides access for local fishing industry, residents, tourists, maintenance contractors & emergency services. <b>(socio-economic)</b>	Local economy and community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R
Amenity beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is an important recreational feature of nearby Selsey. <b>(socio-economic)</b>	Regional economy, businesses, residents and local community	Maintain a beach suitable for bathing / recreation	Sub-regional	Low	No	Yes	4R
Church Norton shore lagoons	Way in which the coastline is managed may impact on saline lagoon by drying or inundation	Yes	Biological value as national BAP habitat <b>(environmental)</b>	National community	Maintain or increase area of stable shingle	National	High	No	No	2E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
St Wilfrid's Chapel	Potential loss of or damage to heritage building through flooding or erosion.	Yes	Grade I/II* Listed building. <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion or flooding	National	Medium	No	No	3A
Church Norton Earthworks and Priory	Potential loss of or damage to one or more SAMs through flooding or erosion.	Yes	Scheduled Ancient Monuments <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion or flooding	National	Medium	No	No	2A
Archaeology	Potential loss or damage of valuable features through erosion or flooding	Yes	Archaeologically Sensitive Area on East Beach and two extending to the coastline further north <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion or flooding	National	High	No	No	2A

#### 4d25 Pagham to Church Norton

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to <50 houses through flooding or erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion <b>(socio-economic)</b>	Local community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	4H
Commercial properties	Potential loss of or damage to tourism (holiday village and attractions) through flooding	Yes	Importance of tourism to regional economy. Impacts on community cohesion. <b>(socio-economic)</b>	Regional community and economy.	Prevent loss or damage due to erosion or flooding	Regional	High	No	Yes	2C

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Infrastructure (services)	Potential loss of or damage to local services, including sewage pumping station at Bognor and treatment works at Selsey, through flooding.	Yes	Services to homes and businesses, sewage treatment for local towns. <b>(socio-economic)</b>	Local community and economy	Maintain services to properties around Pagham Harbour. Maintain sewage treatment for Selsey and Bognor.	Local	Low	Yes	Yes	6I
Infrastructure (transport)	Potential loss of or damage to local roads through flooding.	Yes	Access to homes and businesses. <b>(socio-economic)</b>	Local community and economy	Maintain communication links at Pagham.	Local	Medium	No	No	5I
Agricultural land	Potential loss of grade 2 land through erosion or flooding	Yes	Economy/employment through farming. <b>socio-economic)</b>	Local agricultural economy	Prevent loss due to erosion, flooding or other processes	Regional	Low	Yes	Yes	4C
Horticultural land	Potential damage to or loss of major glasshouse cultivation through flooding.	Yes	Economy/employment through farming. <b>socio-economic)</b>	Local agricultural economy	Prevent loss due to flooding	Regional	Medium	Yes	Yes	3C
Coastal path	Potential further loss of sections of path through erosion or flooding	Yes	Local amenity asset. <b>(socio-economic)</b>	Local community	Prevent loss due to erosion or flooding	Local	Medium	No	Yes	4R
Beach access	Potential loss of access to beach through erosion or management measures	Yes	Provides access for residents, tourists, maintenance contractors & emergency services. <b>(socio-economic)</b>	Local community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R
Bathing beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is a major asset in attracting tourists and an important recreational feature of the area. <b>(socio-economic)</b>	Regional economy, businesses, residents and local community	Maintain a beach suitable for bathing / recreation	Sub-regional	Low	No	Yes	4R

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Bathing beach	Concern regarding increased erosion rates at Eastern end, following the construction of four rock groyne on the western part of the frontage	Yes	The beach is a major asset in attracting tourists and an important recreational feature of the town. <b>(socio-economic)</b>	Local community & tourism	Maintain a beach suitable for bathing / recreation	Sub-regional	Low	No	Yes	4R
Pagham Harbour mouth spits	Unnatural alignment of Church Norton spit creates increased requirement for maintenance work	Yes	Spit is both an important habitat and provides shelter to backing harbour, which has international environmental value. <b>(technical)</b>	International community	Improved natural stability of spits at harbour mouth to protect harbour	International	High	No	No	1E
Pagham Harbour mouth spits	Changes to alignment of Church Norton Spit could impact upon stability of eastern (Pagham Beach) spit	Yes	Eastern spit is an important habitat and provides shelter to backing harbour, which has international environmental value. <b>(technical)</b>	International community	Improved natural stability of spits at harbour mouth to protect harbour	International	High	No	No	1E
Pagham Harbour mouth spits	The way in which the coastline is managed may have an effect on the spits, such as erosion	Yes	The Southern and Northern Shingle spits provide protection to the inner harbour, which has international environmental value, and the coast <b>(technical)</b>	International community	Ensure stability of spits at harbour mouth to protect harbour	International	High	No	No	1E
Pagham Harbour SSSI (geol)	Way in which the coastline is managed, may impact on geological value of the shingle spit and tidal delta.	Yes	Geological value as SSSI, GCRS, RIGS <b>(environmental)</b>	National community	Maintain shingle spit and tidal delta	National	High	No	No	2E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Pagham Harbour SPA and Ramsar site	Way in which the coastline is managed may impact on biological value of the intertidal and related wetland habitats,	Yes	Biological value as SPA, Ramsar site, SSSI, LNR ( <b>environmental</b> )	International community	Maintain or increase extent of intertidal and other valuable habitats	International	High	No	No	1E
Pagham Harbour SSSI	Way in which the coastline is managed, may impact on biological value of the shingle and wetland habitats	Yes	Biological value as SSSI, LNR ( <b>environmental</b> )	National community	Maintain or increase extent of stable shingle and other valuable habitats	National	High	No	No	2E
Pagham Harbour vegetated shingle and sand dunes	Way in which the coastline is managed may either impact on or improve stable shingle and sand dunes	Yes	Biological value as SSSI (part) and national (shingle) or local (sand dune) BAP habitats ( <b>environmental</b> )	National community	Maintain or increase area of stable shingle and sand dunes	National	High	No	Yes	3E
Pagham Harbour lagoons and saltmarsh	Way in which the coastline is managed may either impact on saline habitats by drying or inundation, or improve them by increasing natural stability	Yes	Pagham lagoon, Little spit lagoon, saltmarsh channel and Sidlesham ferry have biological value as national BAP habitat ( <b>environmental</b> )	National community	Maintain or increase area of stable shingle	National	High	No	Yes	3E
Shallow Water Wrecks and Inner and Outer Mulberry Harbours	Way in which the coast is managed may impact upon this cluster of marine sites. Erosion processes will be degrading the sites.	No	Environmental value as mSNCLs. Also heritage value. ( <b>environmental/heritage</b> )	Local and regional community	Avoid disturbance, accelerated erosion and deposition	Sub-regional	Medium	No	Yes	4E
Becket's Barn	Potential loss of or damage to SAM through flooding or erosion.	Yes	Scheduled Ancient Monument. ( <b>heritage</b> )	National community.	Prevent loss or damage due to erosion or flooding	National	Medium	No	No	2A
Pagham Parish Church	Potential loss of or damage to heritage building through flooding or erosion.	Yes	Grade I/II* Listed building. ( <b>heritage</b> )	National community.	Prevent loss or damage due to erosion or flooding	National	Medium	No	No	3A



Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Landscape	The way in which the coastline is managed may impact on the landscape quality.	Yes	One of the main areas of undeveloped coastline between Selsey Bill and Newhaven. <b>(environmental)</b>	Sub-regional tourism, local community and local economy	Maintain landscape quality	Sub-regional	Medium	No	No	2L
Inshore archaeology	Potential loss of or damage to marine archaeological sites through accelerated erosion or deposition.	Yes	Two sites off Pagham Harbour mouth <b>(heritage)</b>	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A
Archaeology	Potential loss or damage of valuable features through flooding	Yes	A number of Archaeologically Sensitive Areas are located around Pagham Harbour <b>(heritage)</b>	National community.	Prevent loss or damage due to flooding	National	High	No	No	2A
Sidlesham conservation areas	Potential loss of or damage to heritage buildings through flooding or erosion.	Yes	Sidlesham Church and Quay Conservation Areas with Grade I/II* Listed building (parish church) <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion or flooding	National	Medium	No	No	3A

#### 4d24 Aldwick to Pagham

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to <100 houses through flooding or erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion <b>(socio-economic)</b>	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	Medium	No	Yes	3H

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Commercial properties	Potential loss of or damage to tourism and commercial premises through flooding or erosion.	Yes	Importance of tourism to regional economy. Impacts on community cohesion. <b>(socio-economic)</b>	Regional community and economy.	Prevent loss or damage due to erosion or flooding	Regional	High	No	Yes	2C
Beach access	Potential loss of access to beach through erosion or management measures	Yes	Provides access for local fishing industry, residents, tourists, maintenance contractors & emergency services. <b>(socio-economic)</b>	Local economy and community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R

#### 4d23 Felpham to Aldwick

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to >100 houses through flooding or erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion <b>(socio-economic)</b>	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	High	No	Yes	2H
Commercial properties	Potential loss of or damage to tourism (including Butlins) and commercial premises through flooding or erosion.	Yes	Importance of tourism to regional economy. Impacts on community cohesion. <b>(socio-economic)</b>	Regional community and economy.	Prevent loss or damage due to erosion or flooding	Regional	High	No	Yes	2C

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Infrastructure (services)	Potential loss of or damage to local services, including trunk sewer, under promenade (Aldwick to East Bognor Regis) and sewage pumping station, through flooding or erosion.	Yes	Services to homes and businesses. Includes sewage pumping station plus storm water outfalls to sea. <b>(socio-economic)</b>	Sub-regional community and economy	Maintain services to properties in Bognor Regis, including sewage transport	Sub-regional	High	Yes	Yes	3I
Infrastructure (transport)	Potential loss of or damage to local roads and railway through flooding or erosion, including A29 and A259 coastal link road at Aldingbourne Rife.	Yes	Access to homes and businesses. Important coastal transport link. <b>(socio-economic)</b>	Sub-regional community and economy	Maintain access to properties in Bognor Regis (including railway spur) and maintain coastal link road	Sub-regional	Medium	Yes	Yes	4I
Aldingbourne Rife Outfall	Loss of drainage due to flooding or blockage, impacting on commercial sites and residential properties.	Yes	Aldingbourne Rife drains large areas inland of Bognor and Middleton, and flooding could result if outfall was constrained <b>(socio-economic/technical)</b>	Local residential and business community	Maintain land drainage by Aldingbourne Rife	Sub-regional	High	Yes	Yes	3I
Agricultural land	Potential loss of grade 2 and 1 land inland from Bognor Regis through flooding via Aldingbourne Rife	Yes	Economy/employment through farming <b>(socio-economic)</b>	Local agricultural economy	Prevent loss due to erosion, flooding or other processes	Regional	Medium	Yes	Yes	3C
Amenity open space	Potential threat to recreation areas from flooding or erosion	Yes	Important amenity areas (e.g. Greensward at Middleton) for local residents and visitors to area. <b>(socio-economic)</b>	Local community and tourists.	Prevent loss due to flooding or erosion	Local	Low	No	Yes	4R

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Esplanade	Impacts on businesses on the esplanade through erosion, repeated flooding, or inappropriate management of defence	Yes	Businesses support local economy and provide facilities for visitors. Also has heritage value <b>(socio-economic / heritage)</b>	Regional and local economies, residents and tourists	Maintain esplanade	Sub-regional	Low	No	Yes	4R
Coastal path and cycle route	Threat to path and cycle route from erosion or flooding	Yes	Recreational and amenity features. South Coast Cycle route runs along the seafront in central Bognor Regis. <b>(socio-economic)</b>	Local community.	Prevent loss due to erosion	Local	Medium	No	Yes	4R
Beach access	Potential loss of access to beach through erosion or management measures	Yes	Provides access for local fishing industry, residents, tourists, maintenance contractors & emergency services. <b>(socio-economic)</b>	Local economy and community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R
Seaside Awards beach	The way in which the coastline is managed may have an adverse effect on the value of East Bognor beach	Yes	The beach is a major asset in attracting tourists and an important recreational feature of the area. <b>(socio-economic)</b>	Regional economy, businesses, residents and local community	Maintain a high quality beach	National	High	No	Yes	2R
Beach launch points	The way in which the coastline is managed may have an effect on the feasibility of launching vessels from the beach	Yes	There are a number of beach launch sites, including the yacht club, that are important for fishermen and recreation <b>(socio-economic)</b>	Local community and economy	Maintain boat launching opportunities	Local	Medium	No	Yes	5C/R
Middleton Ledge	The way in which the coast is managed could impact upon this fishing site.	No	Commercial and recreational fishing ground. Not considered likely to be affected by change in policy. <b>(socio-economic)</b>	Local community and economy	Avoid disturbance to fishery	Local	Medium	No	Yes	5C

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Slipway	The way in which the coastline is managed may compromise the slipway	Yes	Slipway is important launching site for fishermen and recreational boats <b>(socio-economic)</b>	Local community and economy	Maintain boat launching opportunities	Local	Medium	No	Yes	5C/R
Pier	Potential loss of the remaining section of pier through undermining structural supports if beach drops.	Yes	Amenity value and Grade II Listed Building (socio-economic/heritage)	Local and regional community	Prevent loss or damage	National	High	No	No	2A
Marina proposal	Proposed development would change shoreline alignment.	No	Potential for coastal defences to constrain development. Potential impacts of development on shoreline processes. <b>(socio-economic/technical)</b>	Local community and economy	Ensure SMP accounts for possible changes associated with marina	Local	Medium	No	Yes	5C/R
Bognor Reef SSSI (geo)	Way in which the coastline is managed, may impact on geological value of reef by erosion or burial.	Yes	Geological value as SSSI, GCRS, RIGS <b>(environmental)</b>	National community	Avoid accelerated erosion or deposition	National	High	No	No	2E
Bognor Reef SSSI (bio)	Way in which the coastline is managed may impact on biological value of coastal features, notably vegetated shingle	Yes	Biological value as SSSI and national BAP habitat <b>(environmental)</b>	National community	Maintain or increase areas of stable shingle and sand dunes through allowing the system to be naturally functioning.	National	High	No	Yes	3E
Marine SNCIs	Way in which the coast is managed may impact on marine sites	No	Offshore reefs and marine SNCIs at Outer Owers, The Waldrons and Shelley Rocks <b>(environmental)</b>	Local and regional community	Avoid disturbance, accelerated erosion and deposition	Sub-regional	Medium	No	Yes	4E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Felpham SSSI (geol)	Way in which the coastline is managed, may impact on geological value of foreshore by erosion or burial.	Yes	Geological value as SSSI, GCRS, RIGS <b>(environmental)</b>	National community	Avoid accelerated erosion or deposition	National	High	No	No	2E
Vegetated shingle at Felpham	The way in which the coastline is managed may impact on the shingle habitat	Yes	Vegetated shingle is a national BAP habitat. Planting of shingle vegetation has taken place at Western end of the Greensward at Middleton. <b>(environmental)</b>	National community	Maintain or increase areas of stable shingle and sand dunes	National	High	No	Yes	3E
Archaeology	Potential loss or damage of valuable features through flooding	Yes	A number of Archaeologically Sensitive Areas in and inland from Bognor <b>(heritage)</b>	National community.	Prevent loss or damage due to flooding	National	High	No	No	2A
Bognor Regis and Felpham conservation area	Potential loss of or damage to heritage buildings through flooding or erosion.	Yes	Conservation Area with Grade I/II* Listed building (Blake's Cottage). <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion or flooding	National	Medium	No	No	3A
Lidsey Landfill potential contaminated land	Potential hazard if co-disposal landfill site were affected by flooding (via Aldingbourne Rife)	Yes	Landfill site near the Aldingbourne Rife, within predicted flood zone. <b>(environmental)</b>	Local community and environment	Prevent mobilisation of contaminants					2E

### 4d22 Middleton-on-Sea

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to <100 houses through flooding or erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion ( <b>socio-economic</b> )	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	Medium	No	Yes	3H
Infrastructure (services)	Potential loss of or damage to local services through flooding or erosion.	Yes	Services to homes and businesses plus storm water outfalls to sea. ( <b>socio-economic</b> )	Local community and economy	Maintain services to properties in Felpham/Elmer	Local	Low	Yes	Yes	6I
Infrastructure (transport)	Potential loss of or damage to local roads through flooding or erosion.	Yes	Access to homes and businesses. ( <b>socio-economic</b> )	Local community and economy	Maintain communication links in Felpham/Elmer	Local	Medium	No	No	5I
Amenity open space	Potential threat to recreation areas from flooding or erosion	Yes	Important amenity areas for local residents and visitors to area. ( <b>socio-economic</b> )	Local community and tourists.	Prevent loss due to flooding or erosion	Local	Low	No	Yes	4R
Coastal path	Potential loss of sections of path through erosion or flooding.	Yes	Local amenity asset. ( <b>socio-economic</b> )	Local community	Prevent loss due to erosion or flooding	Local	Medium	No	Yes	4R
Amenity beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is an important local recreational feature ( <b>socio-economic</b> )	Sub-regional residents and community	Maintain a beach suitable for bathing / recreation	Sub-regional	Low	No	Yes	4R
Beach access	Potential loss of access to beach through erosion or management measures	Yes	Provides access for residents, tourists, maintenance contractors & emergency services. ( <b>socio-economic</b> )	Local community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Archaeology	Potential loss or damage of valuable features through erosion or flooding	Yes	Archaeologically Sensitive Area on the beach and additional ones inland ( <b>heritage</b> )	National community.	Prevent loss or damage due to erosion (beach ASA) or flooding (other ASAs)	National	High	No	No	2A

### 4d21 Elmer (Breakwaters)

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to >100 houses through flooding or erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion ( <b>socio-economic</b> )	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	High	No	Yes	2H
Infrastructure (services)	Potential loss of or damage to local services through flooding or erosion.	Yes	Services to homes and businesses plus storm water outfalls to sea. ( <b>socio-economic</b> )	Local community and economy	Maintain services to properties in Felpham/Elmer	Local	Low	Yes	Yes	6I
Infrastructure (transport)	Potential loss of or damage to local roads through flooding or erosion.	Yes	Access to homes and businesses. ( <b>socio-economic</b> )	Local community and economy	Maintain communication links in Felpham/Elmer	Local	Medium	No	No	5I
Amenity open space	Potential threat to recreation areas from flooding or erosion	Yes	Important amenity areas for local residents and visitors to area. ( <b>socio-economic</b> )	Local community and tourists.	Prevent loss due to flooding or erosion	Local	Low	No	Yes	4R
Coastal path	Potential loss of sections of path through erosion or flooding.	Yes	Local amenity asset. ( <b>socio-economic</b> )	Local community	Prevent loss due to erosion or flooding	Local	Medium	No	Yes	4R



Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Beach access	Potential loss of access to beach through erosion or management measures	Yes	Provides access for residents, tourists, maintenance contractors & emergency services. <b>(socio-economic)</b>	Local community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R
Amenity beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is an important local recreational feature <b>(socio-economic)</b>	Sub-regional residents and community	Maintain a beach suitable for bathing / recreation	Sub-regional	Low	No	Yes	4R
Elmer Breakwaters	Structures cause increased erosion of coast to east, towards Climping	No	Potential increase in risks to assets east of Elmer, which includes features of national environmental and heritage importance and sub-regional socio-economic importance <b>(technical/environmental/heritage/socio-economic)</b>	National and local communities	Maintain supply of beach material to the east					
Archaeology	Potential loss or damage of valuable features through erosion or flooding	Yes	One Archaeologically Sensitive Area on the beach and one extending to the seafront <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion or flooding	National	High	No	No	2A

### 4d20 Littlehampton to Poole Place

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to isolated houses through erosion and more houses through flooding.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion. <b>(socio-economic)</b>	Local community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	4H
Commercial properties	Potential loss of or damage to properties including hotel, caravan sites and Arun west bank through flooding or erosion.	Yes	Local economy. Impacts on community cohesion. <b>(socio-economic)</b>	Local community and economy.	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	5C
Infrastructure (services)	Potential loss of or damage to local services, including trunk sewer, through flooding or erosion.	Yes	Services to homes and businesses. Includes trunk sewer plus storm water outfalls to sea <b>(socio-economic)</b>	Sub-regional community and economy	Maintain services to properties in Atherington and east Bognor	Sub-regional	High	Yes	Yes	3I
Infrastructure (transport)	Potential loss of or damage to local roads and A259 coastal link road through flooding or erosion.	Yes	Access to homes and businesses Important coastal transport link. <b>(socio-economic)</b>	Sub-regional community and economy	Maintain access to properties in Atherington, Climping and Middleton-on-Sea and maintain coastal link road	Sub-regional	High	Yes	Yes	4I
Agricultural land	Potential loss of Grade 3 (coast), 2 and 1 (inland) through flooding.	Yes	Economy/employment through farming. <b>socio-economic)</b>	Local agricultural economy	Prevent loss due to erosion, flooding or other processes	Regional	Medium	Yes	Yes	3C
Littlehampton Golf Course	Potential loss of part of course through erosion and flooding	Yes	Recreational facility for local community . Behind coastal frontage of Climping Beach <b>(socio-economic)</b>	Local Community	Prevent loss due to erosion or flooding	Sub-regional	Low	No	Yes	4R

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Coastal path	Potential loss of sections of path through erosion or flooding.	Yes	Local amenity asset. <b>(socio-economic)</b>	Local community	Prevent loss due to erosion or flooding	Local	Medium	No	Yes	4R
Beach access	Potential loss of access to beach, including Atherington car park, through erosion or management measures	Yes	Car park and beach access for residents, tourists, maintenance contractors & emergency services. <b>(socio-economic)</b>	Local community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R
Amenity beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is an important recreational feature of the area. <b>(socio-economic)</b>	Regional economy, businesses, residents and local community	Maintain a beach suitable for recreation	Sub-regional	Low	No	Yes	4R
Beach launch point	The way in which the coastline is managed may have an effect on the feasibility of launching vessels from the beach	Yes	The beach launch site is important for fishermen and recreation <b>(socio-economic)</b>	Local community and economy	Maintain boat launching opportunities	Local	Medium	No	Yes	5C/R
Climping Beach SSSI (bio)	Way in which the coastline is managed may either impact on or improve the biological value of the shingle and sand dune habitats	Yes	Biological value as SSSI, SNCI, LNR and national (vegetated shingle) or local (sand dune) BAP habitats <b>(environmental)</b>	National community	Maintain, restore or increase areas of shingle and sand dunes - allow to become a dynamically functioning system	National	High	No	Yes	3E
Landscape	The way in which the coastline is managed may impact on the landscape quality.	Yes	One of the few areas of undeveloped coastline between Selsey Bill and Newhaven. <b>(environmental)</b>	Sub-regional tourism, local community and local economy	Maintain landscape quality	Sub-regional	Medium	No	No	2L
Littlehampton Fort	Potential loss of or damage to SAM through flooding or erosion.	Yes	Scheduled Ancient Monument. <b>(heritage)</b>	National community	Prevent loss or damage due to erosion or flooding	National	Medium	No	No	2A

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Archaeology	Potential loss or damage of valuable features through erosion or flooding	Yes	Four Archaeologically Sensitive Areas extending onto the beach and additional ones a short distance inland ( <b>heritage</b> )	National community.	Prevent loss or damage due to erosion or flooding	National	High	No	No	2A
Bailiffscourt Hotel	Potential loss of or damage to heritage buildings through flooding or erosion.	Yes	Several Grade I/II*II Listed buildings on one site ( <b>heritage</b> )	National community	Prevent loss or damage due to erosion or flooding	National	High	No	No	2A

#### 4d19 River Arun and Arun Valley

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to >100 houses through flooding.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion ( <b>socio-economic</b> )	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	High	No	Yes	2H
Commercial properties	Potential loss of or damage to tourism (Littlehampton accommodation and attractions) and commercial premises (including west bank industry, harbour wharves, industry and commerce) through flooding or erosion.	Yes	Importance of tourism to regional economy. Impacts on community cohesion. Local employment. ( <b>socio-economic</b> )	Regional community and economy.	Prevent loss or damage due to erosion or flooding	Regional	High	No	Yes	2C

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Infrastructure (services)	Potential loss of or damage to local services, including trunk sewer and Ford sewage treatment works, through flooding. Erosion of tidal embankments.	Yes	Services to homes and businesses ( <b>socio-economic</b> )	Sub-regional community and economy	Maintain services to properties in Arun valley and sewage treatment for Bognor and Littlehampton	Sub-regional	High	Yes	Yes	3I
Infrastructure (Littlehampton hospital)	Potential loss of or damage to hospital through flooding.	Yes	Services to local community ( <b>socio-economic</b> )	Sub-regional community	Maintain operation of hospital	Sub-regional	High	Yes	Yes	3I
Infrastructure (transport)	Potential loss of or damage to local roads, A259 coastal link road and main east-west railway through flooding.	Yes	Access to homes and businesses Important coastal transport links ( <b>socio-economic</b> )	Regional community and economy	Maintain road and rail links across the Arun valley	Regional	High	No	No	3I
Agricultural land	Potential loss of land through flooding.	Yes	Economy/employment through farming. ( <b>socio-economic</b> )	Local agricultural economy	Prevent loss due to erosion, flooding or other processes	Regional	Medium	Yes	Yes	3C
Ford Open Prison	Potential flood risk to prison site.	Yes	Government facility ( <b>socio-economic</b> )	National community	Prevent loss or damage due to flooding	National	High	No	Yes	2I
Littlehampton Harbour	Commercial operations in the harbour are at risk of erosion/flooding.	Yes	Economic assets. Littlehampton is an important south coast harbour, with facilities on both banks of River Arun. ( <b>socio-economic</b> )	Local and Regional economies, and local community. National asset.	Maintain operational harbour	National	High	No	Yes	2I/C
	Navigation channels would be lost if harbour breakwaters were not maintained	No	Important for commercial and recreational access to the harbour. ( <b>socio-economic</b> )	Local and Regional economy, and local community. National asset.	Maintain channels	National	High	No	Yes	2I
	The inshore rescue boat facility in the harbour is at risk if breakwater/pier or quays were lost/failed.	Yes	Public safety. ( <b>socio-economic</b> )	Local community and tourists	Maintain inshore rescue boat facility and sea access	Local	Medium	No	Yes	5I

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
	Potential loss of lighthouse through erosion	Yes	Important for navigation, safe use of harbour ( <b>socio-economic</b> )	International and national communities	Maintain functioning lighthouse	International	Medium	No	Yes	2I
River launch points	Recreational facilities in the harbour are at risk of erosion/flooding.	Yes	Recreational features, including Littlehampton Marina, yacht club and river moorings ( <b>socio-economic</b> )	Regional and local communities	Maintain recreational harbour/marina	Regional	High	No	Yes	3R
	The way in which the frontage is managed may have an adverse effect on the feasibility of launching vessels from the river bank	Yes	There are a number of public slipways that provide important access ( <b>socio-economic</b> )	Local community and economy	Maintain boat launching opportunities	Local	Medium	No	Yes	5R
	The way in which the frontage is managed may have an adverse effect on the feasibility of navigation of the river	Yes	Recreational use of Arundel Marina ( <b>socio-economic</b> )	Local community and economy	Maintain navigation access to Arundel Marina	Local	Medium	No	Yes	5R
Public footpaths	Potential loss of footpaths through flooding.	Yes	Local amenity asset. ( <b>socio-economic</b> )	Local community	Prevent loss due to flooding	Local	Medium	No	Yes	4R
River Arun floodplain	Opportunity to increase area of floodplain grazing marsh	No	Biological value as national BAP habitat ( <b>environmental</b> )	National community	Maintain or increase area of floodplain grazing marsh	National	High	No	Yes	3E
Intertidal habitats	The way in which the frontage is managed presents the opportunity to improve intertidal habitats	No	Intertidal habitats of SE England are important internationally for ornithological value ( <b>environmental</b> )	National (and international?) community	Increase area of intertidal habitat	National	High	No	Yes	3E
Brookbarn Farm Landfill potential contaminated land	Potential hazard if landfill site were affected by flooding	Yes	Landfill site near the River Arun, within predicted flood zone. ( <b>environmental</b> )	Local community and environment	Prevent mobilisation of contaminants	Sub-regional	Medium	No	Yes	2E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Tulley's Nursery Landfill potential contaminated land	Potential hazard if landfill site were affected by flooding	Yes	Landfill site in the River Arun catchment, within predicted flood zone. <b>(environmental)</b>	Local community and environment	Prevent mobilisation of contaminants	Sub-regional	Medium	No	Yes	2E
Arun floodplain SAMs etc	Potential loss of or damage to one or more heritage sites through flooding.	Yes	Earthworks near St Mary's Church at Climping and Poling Roman Villa are Scheduled Ancient Monuments, St Mary's Church Grade I/II* <b>(heritage)</b>	National community	Prevent loss or damage due to erosion or flooding	National	Medium	No	No	3A
Archaeology	Potential loss or damage of valuable features through flooding	Yes	A number of Archaeologically Sensitive Areas in the Arun valley and inland from Littlehampton <b>(heritage)</b>	National community.	Prevent loss or damage due to flooding	National	High	No	No	2A
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Cluster of sites associated with Littlehampton harbour <b>(heritage)</b>	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A

#### 4d18 Angmering-on-Sea to Littlehampton

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to >100 houses through flooding or erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion <b>(socio-economic)</b>	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	High	No	Yes	2H

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Commercial properties	Potential loss of or damage to tourism (accommodation and attractions) and commercial premises (including harbour wharves, industry and commerce) through flooding or erosion.	Yes	Importance of tourism to regional economy. Impacts on community cohesion. Local employment. <b>(socio-economic)</b>	Regional community and economy.	Prevent loss or damage due to erosion or flooding	Regional	High	No	Yes	2C
Infrastructure (services)	Potential loss of or damage to local services through flooding or erosion.	Yes	Services to homes and businesses plus storm water outfalls to sea. <b>(socio-economic)</b>	Sub-regional community and economy	Maintain services to properties in Littlehampton	Local	Low	Yes	Yes	6I
Infrastructure (transport)	Potential loss of or damage to local roads and railway through flooding, including, A259 coastal link road.	Yes	Access to homes and businesses. Important coastal transport link. <b>(socio-economic)</b>	Sub-regional community and economy	Maintain access to properties in Littlehampton (including railway spur) and maintain coastal link road	Sub-regional	Medium	Yes	Yes	4I
Amenity open space	Potential threat to recreation areas from flooding or erosion	Yes	Important amenity areas (including mini golf, putting, tennis, bowling, boating lake) for local residents and visitors to area. <b>(socio-economic)</b>	Local community and tourists.	Prevent loss due to flooding or erosion	Local	Low	No	Yes	5R
Coastal path and cycle route	Potential loss of sections of path and cycle route through erosion.	Yes	Recreational and amenity features. South Coast Cycle route runs along the seafront in central Littlehampton. <b>(socio-economic)</b>	Local community	Prevent loss due to erosion	Local	Medium	No	Yes	4R



Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Esplanade	Impacts on businesses on the esplanade and Beach Green through erosion, repeated flooding, or inappropriate management of defence	Yes	Businesses (including swimming centre) support local economy and provide facilities for visitors. <b>(socio-economic)</b>	Regional and local economies, residents and tourists	Maintain esplanade	Sub-regional	Low	No	Yes	4R
Beach access	Potential loss of access to beach through erosion or management measures	Yes	Provides access for local fishing industry, residents, tourists, maintenance contractors & emergency services. <b>(socio-economic)</b>	Local economy and community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R
Blue Flag and Seaside Awards beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is a major asset in attracting tourists and an important recreational feature of the town. <b>(socio-economic)</b>	Regional economy, businesses, residents and local community	Maintain a high quality beach	International	High	No	Yes	1R
Beach launch points	The way in which the coastline is managed may have an effect on the feasibility of launching vessels from the beach	Yes	There are a number of beach launch sites that are important for fishermen and recreation <b>(socio-economic)</b>	Local community and economy	Maintain boat launching opportunities	Local	Medium	No	Yes	5C/R
Various Littlehampton conservation areas	Potential loss of or damage to heritage buildings through flooding or erosion.	Yes	Conservation Areas (East St, Seafront, River Rd, Rustington, Station Rd East Preston) with Grade I/II* Listed buildings (Knightscroft, Parish Church East Preston). <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion or flooding	National	Medium	No	No	3A
Archaeology	Potential loss or damage of valuable features through flooding	Yes	Three Archaeologically Sensitive Areas in Littlehampton <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion or flooding	National	High	No	No	2A

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Kingmere Rocks mSNCI	Way in which the coast is managed may impact on this marine site	No	Offshore reef and marine SNCI ( <b>environmental</b> )	Local and regional community	Avoid disturbance, accelerated erosion and deposition	Sub-regional	Medium	No	Yes	4E
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Sites off Angmering-on-Sea ( <b>heritage</b> )	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A

### 4d17 Kingston/ Ferring

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to >100 houses through flooding or erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion ( <b>socio-economic</b> )	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	High	No	Yes	2H
Commercial properties	Potential loss of or damage to properties through flooding or erosion.	Yes	Local economy. Impacts on community cohesion. ( <b>socio-economic</b> )	Local community and economy.	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	5C
Infrastructure (services)	Potential loss of or damage to local services through flooding or erosion.	Yes	Services to homes and businesses plus storm water outfalls to sea ( <b>socio-economic</b> )	Local community and economy	Maintain services to properties in Ferring	Local	Low	Yes	Yes	6I
Infrastructure (transport)	Potential loss of or damage to local roads through flooding or erosion.	Yes	Access to homes and businesses ( <b>socio-economic</b> )	Local community and economy	Maintain communication links in Ferring	Local	Medium	No	No	5I

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Ferring Rife Outfall	Loss of drainage due to flooding or blockage, impacting on residential properties.	Yes	Ferring Rife drains land in the west of Ferring, and flooding could result if outfall was constrained ( <b>socio-economic/technical</b> )	Local residential community	Maintain land drainage by Ferring Rife	Sub-regional	High	Yes	Yes	3I
Agricultural land	Potential loss of land through flooding.	Yes	Economy/employment through farming ( <b>socio-economic</b> )	Local agricultural economy	Prevent loss due to erosion, flooding or other processes	Sub-regional	Low	Yes	Yes	5C
Amenity open space	Potential threat to recreation areas from flooding or erosion	Yes	Important amenity areas for local residents and visitors to area. ( <b>socio-economic</b> )	Local community and tourists.	Prevent loss due to flooding or erosion	Local	Low	No	Yes	4R
Beach access	Potential loss of access to beach through erosion or management measures	Yes	Provides access for residents, tourists, maintenance contractors & emergency services. ( <b>socio-economic</b> )	Local community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R
Beach huts	Potential threat of flooding or erosion of hut sites.	No	Important recreational amenity on this frontage, but can be considered movable. ( <b>socio-economic</b> )	Local community, tourists	Prevent damage or relocate	Local	Low	Yes	Yes	6R
Amenity beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is an important recreational feature of the town. ( <b>socio-economic</b> )	Regional economy, businesses, residents and local community	Maintain a beach suitable for recreation	Sub-regional	Low	No	Yes	4R
Beach launch points	The way in which the coastline is managed may have an effect on the feasibility of launching vessels from the beach	Yes	There are a number of beach launch sites that are important for fishermen ( <b>socio-economic</b> )	Local community and economy	Maintain boat launching opportunities	Local	Medium	No	Yes	5C/R
Ferring Rife and Meadows	Potential impacts on habitats from flooding	Yes	Conservation value, designated as SNCI plus nationally rare snail species ( <b>environmental</b> )	Regional and local communities	Prevent loss or damage due to flooding	Sub-regional	Medium	No	Yes	4E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Archaeology	Potential loss or damage of valuable features through erosion	Yes	Archaeologically Sensitive Area behind the sea front adjacent to Ferring gap ( <b>heritage</b> )	National community.	Prevent loss or damage due to erosion or flooding	National	High	No	No	2A
Ferring conservation area	Potential loss of or damage to heritage buildings through flooding or erosion.	Yes	Conservation Area with Grade I/II* Listed building (Parish Church) ( <b>heritage</b> )	National community.	Prevent loss or damage due to erosion or flooding	National	Medium	No	No	3A

#### 4d16 Worthing to Goring-on-Sea

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to <100 houses to east and west through flooding or erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion ( <b>socio-economic</b> )	Local community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	4H
Road	Potential damage to local road through flooding or erosion	Yes	Service local homes and businesses ( <b>socio-economic</b> )	Local community and economy	Maintain east-west access between Ferring and Worthing	Local	Medium	No	No	5I
Infrastructure (services)	Potential loss of or damage to local services through flooding or erosion.	Yes	Services to homes and businesses plus storm water outfalls to sea. ( <b>socio-economic</b> )	Local community and economy	Maintain services to properties in Ferring and Worthing	Local	Low	Yes	Yes	6I
Agricultural land	Potential loss of high grade land to the east through flooding.	Yes	Economy/employment through farming. <b>socio-economic</b> )	Local agricultural economy	Prevent loss due to erosion, flooding or other processes	Regional	Low	Yes	Yes	4C
Amenity open space	Potential threat to recreation areas from flooding or erosion	Yes	Important amenity areas for local residents and visitors to area. ( <b>socio-economic</b> )	Local community and tourists.	Prevent loss due to flooding or erosion	Local	Low	No	Yes	4R

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Archaeology	Potential loss or damage of valuable features through erosion or flooding	Yes	A number of Archaeologically Sensitive Areas behind or extending to the sea front ( <b>heritage</b> )	National community.	Prevent loss or damage due to erosion or flooding	National	High	No	No	2A
Coastal path and cycle route (under construction)	Potential loss of part of path and cycle route through flooding or erosion	Yes	Local recreational and amenity assets. Current programmes to convert this section of path into a part of the National Coastal Cycleway Network ( <b>socio-economic</b> )	Local community and tourists	Prevent loss or damage due to erosion	Local	Medium	No	Yes	4R
Beach access	Potential loss of access to beach through erosion or management measures	Yes	Provides access for residents, tourists, maintenance contractors & emergency services. ( <b>socio-economic</b> )	Local community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5/R
Amenity beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is an important recreational feature of the area. ( <b>socio-economic</b> )	Regional economy, businesses, residents and local community	Maintain a beach suitable for recreation	Sub-regional	Low	No	Yes	4R
Beach launch points	The way in which the coastline is managed may have an effect on the feasibility of launching vessels from the beach	Yes	There are a number of beach launch sites that are important for fishermen and recreation ( <b>socio-economic</b> )	Local community and economy	Maintain boat launching opportunities	Local	Medium	No	Yes	5C/R

## 4d15 Shoreham Harbour (River Adur) to Worthing (\*Part 1 of 2 Sompting to Worthing)

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to >100 houses through flooding or erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion ( <b>socio-economic</b> )	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	High	No	Yes	2H
Commercial properties	Potential loss of or damage to tourism (accommodation and attractions) and commercial premises through flooding or erosion.	Yes	Importance of tourism to regional economy. Impacts on community cohesion. Local employment. ( <b>socio-economic</b> )	Regional community and economy.	Prevent loss or damage due to erosion or flooding	Regional	High	No	Yes	2C
Infrastructure (services)	Potential loss of or damage to local services, including trunk sewer, through flooding or erosion.	Yes	Services to homes and businesses. Includes trunk sewer plus storm water outfalls to sea. ( <b>socio-economic</b> )	Sub-regional community and economy	Maintain services to properties in Worthing	Sub-regional	High	Yes	Yes	3I
Infrastructure (transport)	Potential loss of or damage to local roads and A259 coastal link road through flooding or erosion.	Yes	Access to homes and businesses. Important coastal transport link. ( <b>socio-economic</b> )	Sub-regional community and economy	Maintain access to properties in Worthing and maintain coastal link road	Sub-regional	Medium	Yes	Yes	4I
Brooklands Lake and Sompting Rife Outfall	Loss of drainage due to flooding or blockage, impacting on residential and commercial properties.	Yes	Sompting Rife and Brooklands Lake balancing reservoir drain large areas of land in East Worthing (about 1/3rd of the Borough), and flooding could result if outfall was constrained. ( <b>socio-economic/technical</b> )	Local residential and commercial communities	Maintain land drainage by Sompting Rife and storage capacity of Brooklands Lake	Sub-regional	High	Yes	Yes	3I

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Amenity open space	Potential threat to recreation areas from flooding or erosion	Yes	Important amenity areas (including Denton Gardens and Brooklands park) for local residents and visitors to area. <b>(socio-economic)</b>	Local community and tourists.	Prevent loss due to flooding or erosion	Local	Low	No	Yes	4R
Coastal cycle route (under construction)	Potential loss of part of cycle route through flooding or erosion	Yes	Local recreational and amenity asset. Current programmes to convert this section into a part of the National Coastal Cycleway Network	Local community and tourists	Prevent loss or damage due to flooding or erosion	Local	Medium	No	Yes	4R
Esplanade	Impacts on businesses on the esplanade through erosion, repeated flooding, or inappropriate management of defence	Yes	Businesses support local economy and provide facilities for visitors. <b>(socio-economic)</b>	Regional and local economies, residents and tourists	Maintain esplanade	Sub-regional	Low	No	Yes	4R
Beach access	Potential loss of access to beach through erosion or management measures	Yes	Provides access for local fishing industry, residents, tourists, maintenance contractors & emergency services. <b>(socio-economic)</b>	Local economy and community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R
Beach huts	Potential threat of flooding or erosion of hut sites.	No	Important recreational amenity on this frontage, but can be considered movable. <b>(socio-economic)</b>	Local community, tourists	Prevent damage or relocate	Local	Low	Yes	Yes	6R
Bathing beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is a major asset in attracting tourists and an important recreational feature of the town. <b>(socio-economic)</b>	Regional economy, businesses, residents and local community	Maintain a beach suitable for bathing / recreation	Sub-regional	Low	No	Yes	4R

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Beach launch points	The way in which the coastline is managed may have an effect on the feasibility of launching vessels from the beach	Yes	There are a number of beach launch sites that are important for fishermen and recreation, including Worthing Yacht Club <b>(socio-economic)</b>	Local community and economy	Maintain boat launching opportunities	Local	Medium	No	Yes	5C/R
Worthing Lumps mSNCl	Way in which the coast is managed may impact on this marine site	No	Offshore reef and marine SNCl <b>(environmental)</b>	Local and regional community	Avoid disturbance, accelerated erosion and deposition	Sub-regional	Medium	No	Yes	4E
Various conservation areas	Potential loss of or damage to heritage buildings through flooding or erosion.	Yes	Conservation Areas (Chapel Rd, Farncombe Rd, Heene, Ivy Pl, Little High St, Marine Parade & Hinterland, Mill Rd, Montague St, Park Cres, Richmond Rd, Robson Rd, Shakespeare Rd, Steyne Gdns, Warwick Gdns, Winchester Rd) with Grade I/II* Listed buildings (Beach House Brighton Rd, Park Cres gateway, lodges and Nos 1-14) <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion or flooding	National	Medium	No	No	3A
Pier	Potential loss of the pier through undermining structural supports if beach drops.	Yes	Amenity value. Grade II Listed building but a defining structure for Worthing <b>(heritage/recreation)</b>	Local and regional community	Prevent loss or damage	National	High	No	No	2A
Brooklands Park contaminated land	Potential hazard if former landfill site were affected by erosion or flooding	Yes	Former landfill site, now covered by Brooklands golf course and lake. <b>(environmental)</b>	Local community and environment	Prevent mobilisation of contaminants					2E



**4d15 Shoreham Harbour (River Adur) to Worthing (\*Part 2 of 2 River Adur to Sompting/ Lancing)**

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to >100 houses through flooding or erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion ( <b>socio-economic</b> )	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	High	No	Yes	2H
Commercial properties	Potential loss of or damage to commercial premises through flooding or erosion.	Yes	Impacts on community cohesion. ( <b>socio-economic</b> )	Local community and economy.	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	5C
Infrastructure (services)	Potential loss of or damage to local services, including East Worthing sewage treatment works, through flooding or erosion.	Yes	Services to homes and businesses, including sewage treatment, plus storm water outfalls to sea. ( <b>socio-economic</b> )	Local community and economy	Maintain services to properties in Sompting / Lancing and sewage treatment for Worthing	Sub-regional	High	Yes	Yes	3I
Infrastructure (transport)	Potential loss of or damage to local roads, A259 coastal link road and main east-west railway through flooding.	Yes	Access to homes and businesses. Important coastal transport links. Car parks behind beach. ( <b>socio-economic</b> )	Regional community and economy	Maintain communication links in Sompting / Lancing. Maintain south coast road and rail links	Regional	High	No	Yes	3I
Agricultural land	Potential loss of land through flooding.	Yes	Economy/employment through farming. <b>socio-economic</b> )	Local agricultural economy	Prevent loss due to erosion, flooding or other processes	Regional	Low	Yes	Yes	4C
Caravan Park/Site	Potential loss of or damage to site through erosion or flooding.	Yes	Important for local economy ( <b>socio-economic</b> )	Local economy and regional tourists.	Prevent loss or damage due to erosion or flooding	Regional	Medium	Yes	Yes	3C
Amenity open space	Potential threat to recreation areas from flooding or erosion	Yes	Important amenity areas for local residents and visitors to area. ( <b>socio-economic</b> )	Local community and tourists.	Prevent loss due to flooding or erosion	Local	Low	No	Yes	4R

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Coastal path and cycle route	Potential further loss of sections of path through erosion.	Yes	Local recreational and amenity assets. <b>(socio-economic)</b>	Local community	Prevent loss due to erosion or flooding	Local	Medium	No	Yes	4R
Beach access	Potential loss of access to beach, including beachfront car park, through erosion or management measures	Yes	Provides access for residents, tourists, maintenance contractors & emergency services. <b>(socio-economic)</b>	Local community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R
Beach huts	Potential threat of flooding or erosion of hut sites.	No	Important recreational amenity on this frontage, but can be considered movable. <b>(socio-economic)</b>	Local community, tourists	Prevent damage or relocate	Local	Low	Yes	Yes	6R
Bathing beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is a major asset in attracting tourists and an important recreational feature of the town. <b>(socio-economic)</b>	Regional economy, businesses, residents and local community	Maintain a beach suitable for bathing / recreation	Sub-regional	Low	No	Yes	4R
Beach launch points	The way in which the coastline is managed may have an effect on the feasibility of launching vessels from the beach	Yes	There are a number of beach launch sites that are important for fishermen and recreation <b>(socio-economic)</b>	Local community and economy	Maintain boat launching opportunities	Local	Medium	No	Yes	5C/R
Shoreham Beach vegetated shingle	Way in which the coastline is managed may impact on stable shingle.	Yes	Biological value as SNCI, LNR and national BAP habitat <b>(environmental)</b>	National community	Maintain or increase area of stable shingle	National	High	No	Yes	3E
Widewater lagoon	Way in which the coastline is managed may impact on saline lagoon by drying or inundation	Yes	Biological value as national BAP habitat and SNCI <b>(environmental)</b>	National community	Maintain or increase area of stable shingle	National	High	No	Yes	3E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Lower Cokeham Reedbed and Ditches	Potential impacts on habitats from flooding	Yes	Conservation value, designated as SNCI. <b>(environmental)</b>	Regional and local communities	Prevent loss or damage due to flooding	Sub-regional	Medium	No	Yes	4E
Shoreham Old Fort	Potential loss of or damage to SAM through flooding or erosion.	Yes	Scheduled Ancient Monument. <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion or flooding	National	Medium	No	No	2A
Archaeology	Potential loss or damage of valuable features through flooding	Yes	A number of Archaeologically Sensitive Areas in Sompting Rife <b>(heritage)</b>	National community.	Prevent loss or damage due to flooding	National	High	No	No	2A
Sompting and Lancing conservation areas	Potential loss of or damage to heritage buildings through flooding.	Yes	Conservation Areas with Grade I/II* Listed buildings (Sompting Parish Church, Lancing College, Lancing's Church of St James) <b>(heritage)</b>	National community.	Prevent loss or damage due to flooding	National	Medium	No	No	3A

### 4d14 River Adur and Adur Valley

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to >100 houses through flooding.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion <b>(socio-economic)</b>	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	High	No	Yes	2H

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Commercial properties	Potential loss of or damage to commercial premises (including harbour wharves, industry and commerce) through flooding or erosion.	Yes	Impacts on community cohesion. Importance of port. Local employment. <b>(socio-economic)</b>	Regional community and economy.	Prevent loss or damage due to erosion or flooding	Regional	High	No	Yes	2C
Infrastructure (services)	Potential loss of or damage to local services through flooding. Erosion of tidal embankments.	Yes	Services to homes and businesses <b>(socio-economic)</b>	Sub-regional community and economy	Maintain services to properties in Adur valley	Local	Low	Yes	Yes	6I
Infrastructure (transport)	Potential loss of or damage to local roads, A283 Adur valley road and A259 coastal link road and main east-west railway through flooding. Erosion of tidal embankments	Yes	Access to homes and businesses. Important coastal transport links <b>(socio-economic)</b>	Regional community and economy	Maintain communication links across Adur Valley and south coast road and rail links	Regional	High	No	Yes	3I
Agricultural land	Potential loss of land through flooding.	Yes	Economy/employment through farming. <b>(socio-economic)</b>	Local agricultural economy	Prevent loss due to erosion, flooding or other processes	Regional	Medium	Yes	Yes	3C
Shoreham Airport	Potential damage to site from flooding.	Yes	Recreational and commercial use of airport and associated businesses, important to local economy. <b>(socio-economic)</b>	Local community and sub-regional economy	Prevent loss or damage due to flooding	Sub-regional	Medium	Yes	Yes	4I
Downslink cycle path	Potential loss or damage through flooding	Yes	Recreation. Downslink Cycle Path from Guildford to Shoreham <b>(socio-economic)</b>	Local and regional community	Prevent loss due to flooding	Local	Medium	No	Yes	4R

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
River moorings	The way in which the frontage is managed may have an effect on the recreational facilities on the river.	Yes	Recreational assets, including marina, yacht club and boatyard ( <b>socio-economic</b> )	Regional and local community	Maintain recreational facilities/boatyard	Regional	High	No	Yes	3R
River launch points	The way in which the frontage is managed may have an adverse effect on the feasibility of launching vessels from the river bank	Yes	There are a number of public slipways that provide important access ( <b>socio-economic</b> )	Local community and economy	Maintain boat launching opportunities	Local	Medium	No	Yes	5R
Adur Estuary SSSI	Way in which the coastline is managed, may impact on biological value of the intertidal habitats	Yes	Biological value as SSSI and RSPB reserve. ( <b>environmental</b> )	National community	Maintain or increase extent of intertidal habitats	National	High	No	No	2E
River Adur floodplain	Opportunity to increase area of floodplain grazing marsh	No	Biological value as national BAP habitat ( <b>environmental</b> )	National community	Maintain or increase area of floodplain grazing marsh	National	High	No	Yes	3E
River Adur estuary fishery	Shoreline management activities may impact on fish nurseries and migration	No	Biological value of estuary fishery. Socio-economic value of Designated shellfishery at river mouth ( <b>environmental/socio-economic</b> )	Regional community	Minimise disturbance to fishery through appropriate timing and pollution and sediment control	Regional	Medium	No	Yes	4E
Shoreham Harbour relic sand dunes	Way in which the coastline is managed may erode sand dunes	Yes	Biological value as local BAP habitat ( <b>environmental</b> )	Local community	Maintain or increase area of sand dunes	Sub-regional	Medium	No	Yes	4E
Adur recreation ground potential contaminated land	Potential hazard if former landfill site were affected by erosion or flooding	Yes	Former landfill site.	Local community and environment	Prevent mobilisation of contaminants					2E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Shoreham Airport dome trainer, Old Erringham chapel and earthworks, Marlipins	Potential loss of or damage to one or more SAM through flooding	Yes	Scheduled Ancient Monument. <b>(heritage)</b>	National community.	Prevent loss or damage due to flooding	National	Medium	No	No	2A
Archaeology	Potential loss or damage of valuable features through flooding	Yes	Archaeologically Sensitive Areas within Adur valley <b>(heritage)</b>	National community.	Prevent loss or damage due to flooding	National	High	No	No	2A
Various Shoreham conservation areas	Potential loss of or damage to heritage buildings through flooding.	Yes	Conservation Areas (Old Shoreham, Shoreham-by-Sea, Southlands, Kingston Buci) with Grade I/II* Listed buildings (Churches of St Mary and St Nicolas) <b>(heritage)</b>	National community.	Prevent loss or damage due to flooding	National	Medium	No	No	3A
Old Shoreham Bridge	Potential loss of or damage to heritage building through flooding.	Yes	Grade I/II* Listed building. <b>(heritage)</b>	National community.	Prevent loss or damage due to flooding	National	Medium	No	No	3A

#### 4d13 Shoreham Harbour (Southwick)

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to >100 houses through flooding or erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion <b>(socio-economic)</b>	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	High	No	Yes	2H

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Commercial properties	Potential loss of or damage to commercial premises (including harbour wharves, industry and commerce) through flooding or erosion.	Yes	Impacts on community cohesion. Importance of port. Local employment. <b>(socio-economic)</b>	Regional community and economy.	Prevent loss or damage due to erosion or flooding	Regional	High	No	Yes	2C
Infrastructure (services)	Potential loss of or damage to local services through flooding or erosion.	Yes	Services to homes and businesses plus storm water outfalls to sea <b>(socio-economic)</b>	Local community and economy	Maintain services to properties in Shoreham	Local	Low	Yes	Yes	6I
Infrastructure (transport)	Potential loss of or damage to local roads and A259 through flooding or erosion.	Yes	Access to homes and businesses Important coastal transport link.. <b>(socio-economic)</b>	Local community and economy	Maintain communication links in Shoreham and maintain coastal link road.	Sub-regional	Medium	Yes	Yes	4I
Shoreham Power Station	Potential erosion and flooding threat to major infrastructure asset.	Yes	Important gas turbine power generating station. <b>(socio-economic)</b>	Regional community and economy	Prevent damage to or loss of infrastructure	National	High	No	Yes	2I
Shoreham Port	Navigation channels would be lost if harbour breakwaters were not maintained/lost	No	Important for commercial and recreational access to the harbour. <b>(socio-economic)</b>	National and Regional economy, and local community	Maintain operational port	National	High	No	Yes	2I/C
	Recreational facilities associated with the port are at risk of erosion/flooding	Yes	Recreational feature. Amenity frontages in western port. <b>(socio-economic)</b>	Regional and local community	Maintain recreational harbour/marina	Regional	High	No	Yes	3R
	The lifeboat facilities at Kingston Beach are at risk of flooding / erosion.	Yes	Public safety. <b>(socio-economic)</b>	Local community, National and International mariners.	Maintain lifeboat station and sea access	International	Medium	No	Yes	2I
	The coastguard station is at risk of flooding / erosion.	Yes	Public safety. <b>(socio-economic)</b>	Local community and tourists.	Maintain coastguard station	Local	Medium	No	Yes	5I

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Leading Light, Kingston Beach	Potential loss of lighthouse through erosion	Yes	Important for navigation, safe use of harbour ( <b>socio-economic</b> )	International and national communities	Maintain functioning lighthouses	International	Medium	No	Yes	2I
Proposed reclamation at Southwick Beach	Proposed development would change shoreline alignment.	No	Potential for coastal defences to constrain development. Potential impacts of development on shoreline processes ( <b>socio-economic/technical</b> )	Local community and economy	Ensure SMP accounts for possible changes associated with reclamation	Local	Medium	No	Yes	5C/R
Beach access	Potential loss of access to beach through erosion or management measures	Yes	Provides access for, residents, tourists, maintenance contractors & emergency services. ( <b>socio-economic</b> )	Local community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R
Amenity and bathing beaches	The way in which the coastline is managed may have an adverse effect on the value of the beaches	Yes	The beaches are important recreational features and Southwick beach a major asset of the town. ( <b>socio-economic</b> )	Regional economy, businesses, residents and local community	Maintain a beach suitable recreation	Sub-regional	Low	No	Yes	4R
Basin Road South vegetated shingle	Way in which the coastline is managed may impact on stable shingle.	Yes	Biological value proposed SNCI and national BAP habitat ( <b>environmental</b> )	National community	Maintain or increase area of stable shingle	National	High	No	Yes	3E
Kingston Lighthouse, Town Hall, Royal Sussex Yacht Club Boat House	Potential damage to or loss of the structures through flooding or erosion.	Yes	Grade II Listed buildings on the water front ( <b>heritage</b> )	Local and regional community	Prevent loss or damage	Regional	Medium	No	No	4A
Southwick Roman Villa	Potential loss of or damage to SAM through flooding	Yes	Scheduled Ancient Monument. ( <b>heritage</b> )	National community.	Prevent loss or damage due to flooding	National	Medium	No	No	2A



Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Inshore archaeology	Potential loss of or damage to archaeological site through accelerated erosion or deposition.	Yes	Cluster of sites associated with Shoreham harbour ( <b>heritage</b> )	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A

#### 4d12 Brighton Marina to Portslade-by-Sea (\*Part 1 of 2 excluding Brighton Marina)

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to <100 houses through erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion. ( <b>socio-economic</b> )	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	National	Medium	No	Yes	2H
Commercial properties	Potential loss of or damage to tourism (major seafront accommodation and attractions) and commercial premises (including in 'arches' on lower promenade) through erosion.	Yes	Importance of tourism / hotels / conferences to national economy. Impacts on community cohesion. Regionally important commercial centre. Local employment. ( <b>socio-economic</b> )	National community and economy.	Prevent loss or damage due to erosion or flooding	National	High	No	Yes	2C
Significant seafront developments	Potential constraints on major development proposals	Yes	Proposals (King Alfred leisure centre in Hove, Black Rock international arena) support economic growth of the city	Regional community and economy	Allow seafront developments to proceed as proposed	Regional	High	No	Yes	2C

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Infrastructure (services)	Potential loss of or damage to local services, including trunk sewer, through erosion.	Yes	Services to homes and businesses. Includes trunk sewer from Hove to Portobello works plus storm water outfalls to sea. <b>(socio-economic)</b>	Sub-regional community and economy	Maintain services to properties in Brighton and Hove	Sub-regional	High	Yes	Yes	3I
Infrastructure (transport)	Potential loss of or damage to local roads and A259 coastal link road through erosion.	Yes	Access to homes and businesses. Important coastal transport link <b>(socio-economic)</b>	Sub-regional community and economy	Maintain communication links in Brighton and Hove and south coast road	Sub-regional	Medium	Yes	Yes	4I
Amenity open space	Potential threat to recreation areas from flooding or erosion	Yes	Important amenity areas (including extensive gardens) for local residents and visitors to area. <b>(socio-economic)</b>	Local community and tourists.	Prevent loss due to flooding or erosion	Local	Low	No	Yes	4R
Esplanade, including lower esplanade	Impacts on facilities on the esplanade through erosion, repeated flooding, or inappropriate management of defence	Yes	Businesses support local economy and provide facilities for visitors (e.g. Aquarium, electric railway). Also, recreational facilities (e.g. Deep Sea Anglers Clubhouse) <b>(socio-economic)</b>	Regional and local economies, residents and tourists	Maintain esplanade	Sub-regional	Low	No	Yes	4R/C
Development proposals	Proposed developments are dependent on long-term protection for the existing shoreline.	Yes	Major developments at Hove's King Alfred's leisure centre and Black Rock's Olympic ice skating arena <b>(socio-economic/technical)</b>	Regional community and economy	Ensure SMP accounts for possible changes associated with developments	Regional	Medium	No	Yes	5C/R
Beach access	Potential loss of access to beach through erosion or management measures	Yes	Provides access for local fishing industry, residents, tourists, maintenance contractors & emergency services. <b>(socio-economic)</b>	Local economy and community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Beach huts	Potential threat of flooding or erosion of hut sites.	No	Important recreational amenity on this frontage, but can be considered movable. <b>(socio-economic)</b>	Local community, tourists	Prevent damage or relocate	Local	Low	No	Yes	6R
Bathing beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is an essential asset in attracting tourists and an essential recreational feature of the town. Presence of groynes is beneficial for recreational swimmers, creating areas of calm water. Width of Brighton beach is important factor. There are also vegetated areas (national BAP habitat). <b>(socio-economic/technical/environmental)</b>	Regional economy, businesses, residents and local community	Maintain a beach suitable for bathing / recreation	Sub-regional	High	No	Yes	4R
Beach launch points	The way in which the coastline is managed may have an effect on the feasibility of launching vessels from the beach	Yes	There are a number of beach launch sites that are important for fishermen and recreation, including Brighton Sailing Club <b>(socio-economic)</b>	Local community and economy	Maintain boat launching opportunities	Local	Medium	No	Yes	5C/R
Black Rock Beach and Volks Railway vegetated shingle	Way in which the coastline is managed may impact on stable shingle.	Yes	Biological value as SNCIs and national BAP habitat <b>(environmental)</b>	National community	Maintain or increase area of stable shingle	National	High	No	Yes	3E
Marine SNCIs	Way in which the coast is managed may impact on these marine sites	No	Discontinuous offshore reef and marine SNCIs at SW Rocks, Looe Gate and Ship Rock <b>(environmental)</b>	Local and regional community	Avoid disturbance, accelerated erosion and deposition	Sub-regional	Medium	No	Yes	4E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Landscape	The way in which the coastline is managed may impact on the landscape quality.	Yes	Much of Brighton designated as Areas of Great Landscape Value. <b>(environmental)</b>	Sub-regional tourism, local community and local economy	Maintain landscape quality	Sub-regional	Medium	No	No	2L
Archaeology	Potential exposure or loss of valuable features through erosion	Yes	Archaeologically Sensitive Area extending to sea front at Brighton <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion	National	High	No	No	2A
Southwick conservation area	Potential loss of or damage to heritage buildings through flooding.	Yes	Conservation Area with Grade I/II* Listed buildings (Church of St Michael, 47-51 odd The Green) <b>(heritage)</b>	National community.	Prevent loss or damage due to flooding	National	Medium	No	No	3A
Hove various conservation areas	Potential loss of or damage to heritage buildings through flooding.	Yes	Conservation Areas (notably Sackville Gardens and Brunswick Town) with Listed buildings occupy almost the entire sea front <b>(heritage)</b>	National community.	Prevent loss or damage due to flooding	National	Medium	No	No	3A
Brighton various conservation areas	Potential loss of or damage to heritage buildings through flooding.	Yes	Conservation Areas (notably East Cliff Kemp Town) with Listed buildings occupy the entire sea front. Also Historic Parks at Royal Pavilion and Kemp Town and ASA west of Palace Pier <b>(heritage)</b>	National community.	Prevent loss or damage due to flooding	National	Medium	No	No	3A
Palace Pier	Potential loss of the pier through undermining structural supports if beach drops.	Yes	Provide amenity facilities for the resident and visitor communities in this major seaside resort. <b>(heritage, recreation)</b>	National heritage interests, local community	Prevent loss or damage	National	High	No	No	2A/R
West Pier	Potential further loss of pier through undermining structural supports if beach drops.	Yes	Heritage value of pier. Also, amenity value if restored. <b>(heritage, recreation)</b>	National heritage interests, local community	Prevent loss or damage	National	High	No	No	2A

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Groynes and railings	The way in which the coastline is managed may affect historic groynes	Yes	Heritage value of certain groynes and seafront railings, which are Grade II listed ( <b>heritage, recreation</b> )	Local community	Prevent loss or damage	Regional	Medium	No	No	4A
Inshore archaeology	Potential loss of or damage to archaeological site through accelerated erosion or deposition.	Yes	Four sites off Brighton beach ( <b>heritage</b> )	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A

#### 4d12 Brighton Marina to Portslade-by-Sea (\*Part 2 of 2 Brighton Marina)

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to properties in the marina if breakwaters were lost/failed.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. ( <b>socio-economic</b> )	Local community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	4H
Commercial properties	Commercial properties in the marina are at risk of erosion/flooding if breakwaters were lost/failed.	Yes	Economic assets. ( <b>socio-economic</b> )	Sub-regional community and economy	Prevent loss or damage due to erosion or flooding	Sub-regional	High	No	Yes	3C
Infrastructure (services)	Potential loss of or damage to local services, including trunk sewer, through erosion.	Yes	Services to homes and businesses. Includes trunk sewer from Hove to Portobello works. ( <b>socio-economic</b> )	Sub-regional community and economy	Maintain services to properties in Brighton and Hove	Sub-regional	High	Yes	Yes	3I
Infrastructure (transport)	Potential loss of or damage to local roads and A259 coastal link road through erosion.	Yes	Access to homes and businesses. Important coastal transport link.. ( <b>socio-economic</b> )	Sub-regional community and economy	Maintain communication links at Brighton Marina and south coast road	Sub-regional	Medium	Yes	Yes	4I

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Port / Harbour	Commercial boating facilities are at risk if breakwaters were lost/failed.	Yes	Important socio-economic value of the marina as a commercial harbour <b>(socio-economic)</b>	National and Regional economy, and local community	Maintain operational harbour	Regional	High	No	Yes	2C
Marina moorings and sailing facilities	Recreational facilities in the marina are at risk of erosion /flooding if breakwaters were lost/failed.	Yes	Fishing fleet, dive boats, fishing boats, recreational boats. Recreational feature includes inner and outer marina areas. <b>(socio-economic)</b>	Regional and local community	Maintain recreational marina	Regional	High	No	Yes	3R
Inshore rescue boat facility	The inshore rescue boat facility in the marina is at risk if breakwaters were lost/failed.	Yes	Public safety. <b>(socio-economic)</b>	Local community and tourists.	Maintain inshore rescue boat facility and sea access	Local	Medium	No	Yes	5I
Brighton to Newhaven Cliffs SSSI (geol)	Way in which the coastline is managed, may impact on geological value by stabilisation.	Yes	Geological value as SSSI, GCRS, RIGS. The Black Rock area is of particular geological significance. Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural erosion processes on cliff top, cliff face and foreshore	National	High	No	No	2E
Brighton Marina Marine Habitats and Reef	The way in which the marina is managed could impact upon marine biodiversity.	Yes	Environmental value of inner and outer marinas (including artificial habitats which could be substituted) and marina reef as mSNCIs. <b>(environmental)</b>	Local and regional community	Avoid disturbance, accelerated erosion and deposition	Sub-regional	Medium	No	No	4E
Undercliff lagoon	Way in which the coastline is managed may impact on saline lagoon by drying or inundation	Yes	Biological value as national BAP habitat <b>(environmental)</b>	National community	Maintain or increase area of stable shingle	National	High	No	Yes	3E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Archaeology	Potential exposure or loss of valuable features through erosion	Yes	Archaeologically Sensitive Area extending to the cliff edge behind marina ( <b>heritage</b> )	National community.	Prevent loss or damage due to erosion	National	High	No	No	2A
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Designated Historic Wreck at Brighton Marinas plus four additional sites in vicinity ( <b>heritage</b> )	National community	Prevent loss or damage due to accelerated erosion or deposition	National	High	No	No	2A

#### 4d11 Rottingdean to Brighton Marina

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Infrastructure (services)	Potential loss of or damage to local services, including trunk sewer, through erosion.	Yes	Services to homes and businesses. Includes trunk sewer from Hove to Portobello works. ( <b>socio-economic</b> )	Sub-regional community and economy	Maintain services to properties Rottingdean and sewage transport for Brighton and Hove	Sub-regional	High	Yes	Yes	3I
Infrastructure (transport)	Potential loss of or damage to local roads and A259 coastal link road through erosion.	Yes	Access to homes and businesses. Important coastal transport link.. ( <b>socio-economic</b> )	Sub-regional community and economy	Maintain communication link to Rottingdean and south coast road	Sub-regional	Medium	Yes	Yes	4I
Cliff top areas including Roedean miniature golf course	Potential erosion threat to amenity areas and part of course	Yes	Local amenity and recreation areas for local residents and visitors to area. ( <b>socio-economic</b> )	Local community and tourists	Prevent loss due to erosion	Local	Low	No	Yes	4R
Undercliff promenade / beach access	The way in which the coast is managed will impact upon this access and walkway.	Yes	Local amenity asset, including access to shoreline down cliffs. ( <b>socio-economic</b> )	Local community and tourists	Maintain promenade and safe beach access	Sub-regional	Low	No	Yes	4R

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Amenity beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is an important recreational feature of the area. <b>(socio-economic)</b>	Regional economy, businesses, residents and local community	Maintain a beach suitable for recreation	Sub-regional	Low	No	Yes	4R
Brighton to Newhaven Cliffs SSSI (geol)	Way in which the coastline is managed may impact on geological value by stabilisation.	Yes	Geological value as SSSI, GCRS, RIGS. Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural erosion processes on cliff top, cliff face and foreshore	National	High	No	No	2E
Brighton to Newhaven Cliffs SSSI (bio)	Way in which the coastline is managed, may impact on biological value of cliff top grassland and wave-cut platform	Yes	Biological value as SSSI (plus SNCIs – see below). Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural chalk habitats on cliff top, cliff face and foreshore by allowing long-term cliff mobility	National	High	No	No	2E
Terrestrial SNCIs	Way in which the coastline is managed, may impact on biological value of cliff habitats.	Yes	Biological value as SNCIs with national BAP habitat <b>(environmental)</b>	National community	Maintain natural chalk habitats on cliff top and cliff face	National	High	No	No	2E
Marine SNCI	Way in which the coastline is managed, may impact on biological value of sub-tidal chalk platform.	Yes	Biological value as SNCI with national BAP habitat <b>(environmental)</b>	National community	Maintain natural sub-tidal chalk platform	National	High	No	No	2E
Landscape	The way in which the coastline is managed may impact on the landscape quality.	Yes	Cliffs and cliff-top grassland designated as Area of Important Landscape and environmental Value. <b>(environmental)</b>	Sub-regional tourism, local community and local economy	Maintain landscape quality	Sub-regional	Medium	No	No	2L
Archaeology	Potential exposure or loss of valuable features through erosion	Yes	Archaeologically Sensitive Area extending to the cliff edge at Roedean <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion	National	High	No	No	2A



Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Relatively high density of sites off coast between Brighton Marina and Beachy Head ( <b>heritage</b> )	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A

### 4d10 Saltdean to Rottingdean

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to >100 houses through erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion ( <b>socio-economic</b> )	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	High	No	Yes	2H
Commercial properties	Potential loss of or damage to properties through erosion.	Yes	Local economy. Impacts on community cohesion. ( <b>socio-economic</b> )	Local community and economy.	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	5C
Infrastructure (services)	Potential loss of or damage to local services, including trunk sewer, through erosion.	Yes	Services to homes and businesses. Includes trunk sewer from Hove to Portobello works. ( <b>socio-economic</b> )	Sub-regional community and economy	Maintain services to properties Rottingdean / Saltdean and sewage transport for Brighton and Hove	Sub-regional	High	Yes	Yes	3I
Infrastructure (transport)	Potential loss of or damage to local roads and A259 coastal link road through erosion.	Yes	Access to homes and businesses. Important coastal transport link.. ( <b>socio-economic</b> )	Sub-regional community and economy	Maintain communication links in Rottingdean / Saltdean and south coast road	Sub-regional	Medium	Yes	Yes	4I

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Cliff top areas	Potential erosion threat to amenity areas	Yes	Local amenity and recreation areas for local residents and visitors to area. <b>(socio-economic)</b>	Local community and tourists	Prevent loss due to erosion	Local	Low	No	Yes	4R
Coastal path	Potential loss of sections of path through erosion.	Yes	Local amenity asset. <b>(socio-economic)</b>	Local community	Prevent loss due to erosion	Local	Medium	No	Yes	4R
Undercliff promenade / beach access	The way in which the coast is managed will impact upon this access and walkway.	Yes	Local amenity asset, including access to shoreline down cliffs. <b>(socio-economic)</b>	Local community and tourists	Maintain promenade and safe beach access	Sub-regional	Low	No	Yes	4R
Bathing beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is a major asset in attracting tourists and an important recreational feature of the town. <b>(socio-economic)</b>	Regional economy, businesses, residents and local community	Maintain a beach suitable for bathing / recreation	Sub-regional	Low	No	Yes	4R
Brighton to Newhaven Cliffs SSSI (geol)	Way in which the coastline is managed, may impact on geological value of cliffs by stabilisation and of sub-tidal chalk platform	Yes	Geological value as SSSI, GCRS, RIGS. Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural erosion processes on cliff top, cliff face and foreshore	National	High	No	No	2E
Brighton to Newhaven Cliffs SSSI (bio)	Way in which the coastline is managed may impact on biological value of cliff top grassland and wave-cut platform	Yes	Biological value as SSSI (plus SNCIs – see below). Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural chalk habitats on cliff top, cliff face and foreshore by allowing long-term cliff mobility	National	High	No	No	2E
Terrestrial SNCIs	Way in which the coastline is managed, may impact on biological value of cliff habitats.	Yes	Biological value as SNCIs with national BAP habitat <b>(environmental)</b>	National community	Maintain natural chalk habitats on cliff top and cliff face	National	High	No	No	2E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Marine SNCI	Way in which the coastline is managed, may impact on biological value of sub-tidal chalk platform.	Yes	Biological value as SNCI with national BAP habitat ( <b>environmental</b> )	National community	Maintain natural sub-tidal chalk platform	National	High	No	No	2E
Landscape	The way in which the coastline is managed may impact on the landscape quality.	Yes	Cliffs and cliff-top grassland designated as Area of Important Landscape and environmental Value ( <b>environmental</b> )	Sub-regional tourism, local community and local economy	Maintain landscape quality	Sub-regional	Medium	No	No	2L
Archaeology	Potential exposure or loss of valuable features through erosion	Yes	Archaeologically Sensitive Area between Saltdean and Telscombe Cliffs with a small part extending to the cliff edge ( <b>heritage</b> )	National community.	Prevent loss or damage due to erosion	National	High	No	No	2A
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Relatively high density of sites off coast between Brighton Marina and Beachy Head ( <b>heritage</b> )	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A

#### 4d09 Telscombe Cliffs

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to <100 houses through erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion. ( <b>socio-economic</b> )	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	Medium	No	Yes	3H

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Infrastructure (services)	Potential loss of or damage to local services through erosion.	Yes	Services to homes and businesses. <b>(socio-economic)</b>	Sub-regional community and economy	Maintain services to properties in Telscombe Cliffs	Sub-regional	High	Yes	Yes	3I
Infrastructure (services)	Potential loss of or damage to sewage treatment works, through erosion.	Yes	Includes trunk sewer, and Portobello works and outfall, serving most of Hove and Brighton. <b>(socio-economic)</b>	Sub-regional community and economy	Maintain sewage transport / treatment for Brighton and Hove	Sub-regional	High	Yes	Yes	3I
Infrastructure (transport)	Potential loss of or damage to local roads and A259 coastal link road through erosion.	Yes	Access to homes and businesses. Important coastal transport link. <b>(socio-economic)</b>	Sub-regional community and economy	Maintain communication links in Telscombe Cliffs and south coast road	Sub-regional	Medium	Yes	Yes	3I
Cliff top areas	Potential erosion threat to amenity areas	Yes	Local amenity and recreation areas for local residents and visitors to area. <b>(socio-economic)</b>	Local community and tourists	Prevent loss due to erosion	Local	Low	No	Yes	3I
Coastal path	Potential loss of sections of path through erosion.	Yes	Local amenity asset. <b>(socio-economic)</b>	Local community	Prevent loss due to erosion	Local	Medium	No	Yes	3I
Undercliff promenade / beach access	The way in which the coast is managed will impact upon this access and walkway.	Yes	Local amenity asset, including access to shoreline down cliffs. <b>(socio-economic)</b>	Local community and tourists	Maintain promenade and safe beach access	Sub-regional	Low	No	Yes	3I
Amenity beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is an important recreational feature of the area. <b>(socio-economic)</b>	Regional economy, businesses, residents and local community	Maintain a beach suitable for recreation	Sub-regional	Low	No	Yes	3I
Brighton to Newhaven Cliffs SSSI (geol)	Way in which the coastline is managed, may impact on geological value by stabilisation.	Yes	Geological value as SSSI, GCRS, RIGS. Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural erosion processes on cliff top, cliff face and foreshore	National	High	No	No	3I

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Brighton to Newhaven Cliffs SSSI (bio)	Way in which the coastline is managed, may impact on biological value of cliff top grassland and wave-cut platform	Yes	Biological value as SSSI (plus SNCIs – see below). Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural chalk habitats on cliff top, cliff face and foreshore by allowing long-term cliff mobility	National	High	No	No	3I
Marine SNCI	Way in which the coastline is managed, may impact on biological value of sub-tidal chalk platform.	Yes	Biological value as SNCI with national BAP habitat <b>(environmental)</b>	National community	Maintain natural sub-tidal chalk platform	National	High	No	No	3I
Landscape	The way in which the coastline is managed may impact on the landscape quality.	Yes	Cliffs and cliff-top grassland form part of one of the last remaining undeveloped chalk cliff coastlines in the south-east of England.. <b>(environmental)</b>	Sub-regional tourism, local community and local economy	Maintain landscape quality	Sub-regional	Medium	No	No	3I
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Relatively high density of sites off coast between Brighton Marina and Beachy Head <b>(heritage)</b>	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	3I

## 4d08 Peacheaven

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to >100 houses through erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion ( <b>socio-economic</b> )	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	High	No	Yes	2H
Commercial properties	Potential loss of or damage to properties through erosion.	Yes	Local economy. Impacts on community cohesion. ( <b>socio-economic</b> )	Local community and economy.	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	5C
Infrastructure (services)	Potential loss of or damage to local services through erosion.	Yes	Services to homes and businesses ( <b>socio-economic</b> )	Local community, and economy	Maintain services to properties in Peacheaven	Local	Low	Yes	Yes	6I
Infrastructure (transport)	Potential loss of or damage to local roads through erosion.	Yes	Access to homes and businesses ( <b>socio-economic</b> )	Local community and economy	Maintain communication links in Peacheaven	Local	Medium	No	No	5I
Cliff top areas	Potential erosion threat to amenity areas	Yes	Local amenity and recreation areas for local residents and visitors to area. ( <b>socio-economic</b> )	Local community and tourists	Prevent loss due to erosion	Local	Low	No	Yes	4R
Coastal path	Potential loss of sections of path through erosion.	Yes	Local amenity asset. ( <b>socio-economic</b> )	Local community	Prevent loss due to erosion	Local	Medium	No	Yes	4R
Undercliff promenade / beach access	The way in which the coast is managed will impact upon this access and walkway.	Yes	Local amenity asset, including access to shoreline down cliffs. ( <b>socio-economic</b> )	Local community and tourists	Maintain promenade and safe beach access	Sub-regional	Low	No	Yes	4R

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Amenity beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is an important recreational feature of the area. <b>(socio-economic)</b>	Regional economy, businesses, residents and local community	Maintain a beach suitable for recreation	Sub-regional	Low	No	Yes	4R
Brighton to Newhaven Cliffs SSSI (geol)	Way in which the coastline is managed, may impact on geological value by stabilisation.	Yes	Geological value as SSSI, GCRS, RIGS. Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural erosion processes on cliff top, cliff face and foreshore	National	High	No	No	2E
Brighton to Newhaven Cliffs SSSI (bio)	Way in which the coastline is managed, may impact on biological value of cliff top grassland and wave-cut platform	Yes	Biological value as SSSI (plus SNCIs – see below). Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural chalk habitats on cliff top, cliff face and foreshore by allowing long-term cliff mobility	National	High	No	No	2E
Terrestrial SNCI	Way in which the coastline is managed, may impact on biological value of clifftop habitats.	Yes	Biological value as SNCI with national BAP habitat <b>(environmental)</b>	National community	Maintain natural chalk habitats on cliff top and cliff face	National	High	No	No	2E
Marine SNCI	Way in which the coastline is managed, may impact on biological value of sub-tidal chalk platform.	Yes	Biological value as SNCI with national BAP habitat <b>(environmental)</b>	National community	Maintain natural sub-tidal chalk platform	National	High	No	No	2E
Landscape	The way in which the coastline is managed may impact on the landscape quality.	Yes	Cliffs and cliff-top grassland form part of one of the last remaining undeveloped chalk cliff coastlines in the south-east of England <b>(environmental)</b>	Sub-regional tourism, local community and local economy	Maintain landscape quality	Sub-regional	Medium	No	No	2L

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Relatively high density of sites off coast between Brighton Marina and Beachy Head ( <b>heritage</b> )	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A

#### 4d07 Newhaven Harbour to Peacehaven Heights

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to houses through erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion. ( <b>socio-economic</b> )	Local community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	4H
Commercial properties	Potential loss of or damage to tourism (accommodation and campsites) and commercial premises through erosion.	Yes	Importance of tourism to regional economy. Impacts on community cohesion. ( <b>socio-economic</b> )	Regional community and economy.	Prevent loss or damage due to erosion or flooding	Regional	High	No	Yes	2C
Infrastructure (services)	Potential loss of or damage to local services through erosion.	Yes	Services to homes and businesses ( <b>socio-economic</b> )	Local community and economy	Maintain services to properties in Peacehaven / Harbour Heights	Local	Low	Yes	Yes	6I
Infrastructure (transport)	Potential loss of or damage to local roads through erosion.	Yes	Access to homes and businesses ( <b>socio-economic</b> )	Local community and economy	Maintain communication links in Peacehaven / Harbour Heights	Local	Medium	No	No	5I



Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Agricultural land	Potential loss of land through erosion.	Yes	Economy/employment through farming. <b>(socio-economic)</b>	Local agricultural economy	Prevent loss due to erosion, flooding or other processes	Sub-regional	Low	Yes	Yes	5C
Coastal path	Potential loss of sections of path through erosion.	Yes	Local amenity asset. <b>(socio-economic)</b>	Local community	Prevent loss due to erosion	Local	Medium	No	Yes	4R
Undercliff promenade / beach access	The way in which the coast is managed will impact upon this access and walkway.	Yes	Local amenity asset, including access to shoreline down cliffs. <b>(socio-economic)</b>	Local community and tourists	Maintain promenade and safe beach access	Sub-regional	Low	No	Yes	4R
Bathing beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is a major asset in attracting tourists and an important recreational feature of the area. <b>(socio-economic)</b>	Regional economy, businesses, residents and local community	Maintain a beach suitable for bathing / recreation	Sub-regional	Low	No	Yes	4R
Brighton to Newhaven Cliffs SSSI (geol)	Way in which the coastline is managed, may impact on geological value by stabilisation.	Yes	Geological value as SSSI, GCRS, RIGS. Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural erosion processes on cliff top, cliff face and foreshore	National	High	No	No	2E
Brighton to Newhaven Cliffs SSSI (bio)	Way in which the coastline is managed, may impact on biological value of cliff top grassland and wave-cut platform	Yes	Biological value as SSSI (plus SNCIs – see below). Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural chalk habitats on cliff top, cliff face and foreshore by allowing long-term cliff mobility	National	High	No	No	2E
Terrestrial SNCIs	Way in which the coastline is managed, may impact on biological value of cliff habitats and clifftop grassland.	Yes	Biological value as SSSI with national BAP habitat and LNR (Castle Hill) <b>(environmental)</b>	National community	Maintain natural chalk habitats on cliff top and cliff face	National	High	No	No	2E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Marine SNCI	Way in which the coastline is managed, may impact on biological value of sub-tidal chalk platform.	Yes	Biological value as SNCI with national BAP habitat <b>(environmental)</b>	National community	Maintain natural sub-tidal chalk platform	National	High	No	No	2E
Landscape	The way in which the coastline is managed may impact on the landscape quality.	Yes	Cliffs and cliff-top grassland designated as Area of Great Landscape Value. <b>(environmental)</b>	Sub-regional tourism, local community and local economy	Maintain landscape quality	Sub-regional	Medium	No	No	2L
Peacehaven Bowl Barrow	Potential loss of or damage to SAM through erosion.	Yes	Scheduled Ancient Monument. <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion	National	Medium	No	No	2A
Castle Hill hill fort	Potential loss of or damage to SAM through erosion.		Scheduled Ancient Monument. <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion	National	Medium	No	No	2A
Military Fort and Lunette Battery	Potential loss of or damage to SAMs through erosion.	Yes	Scheduled Ancient Monuments. <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion	National	Medium	No	No	2A
Archaeology	Potential loss or damage of valuable features through erosion	Yes	Archaeologically Sensitive Area extending near to cliff edge at Harbour Heights <b>(heritage)</b>	National community.	Prevent loss or damage due to flooding	National	High	No	No	2A
Amenity beach (east of western breakwater)	Potential loss of sandy beach and landward areas including visitor facilities and paths	Yes	Amenity and economic asset for Newhaven <b>(socio-economic)</b>	Regional and local community	Maintain a beach suitable for bathing / recreation	Sub-regional	Low	No	Yes	4R
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Relatively high density of sites off coast between Brighton Marina and Beachy Head <b>(heritage)</b>	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A

### 4d06 Newhaven Harbour

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to >100 houses through flooding.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion ( <b>socio-economic</b> )	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	High	No	Yes	2H
Commercial properties	Potential loss of or damage to commercial premises (including cross-channel ferry terminal, harbour wharves), east bank industry and commerce) through flooding	Yes	International port. Importance of local marine aggregates industry. Impacts on community cohesion. Local employment.. ( <b>socio-economic</b> )	Regional community and economy.	Prevent loss or damage due to erosion or flooding	Regional	High	No	Yes	2C
Infrastructure (services)	Potential loss of or damage to local services through flooding.	Yes	Services to homes and businesses ( <b>socio-economic</b> )	Local community and economy	Maintain services to properties in Newhaven and Ouse valley	Local	Low	Yes	Yes	6I
Infrastructure (transport)	Potential loss of or damage to local roads, A26(T) and A259 coastal link road, and major rail link through flooding.	Yes	Access to homes and businesses. Access to Newhaven port. Important coastal transport link. ( <b>socio-economic</b> )	Regional community and international economy	Maintain road and rail communication links to and in Newhaven	International	High	No	Yes	1I
Port access road proposal	Potential disruption to proposed new port access road through flooding.	No	Access to Newhaven port. ( <b>socio-economic</b> )	Regional community and international economy	Protect road communication links to Newhaven	International	High	No	Yes	1I
Agricultural land	Potential loss of land through flooding.	Yes	Economy/employment through farming. <b>socio-economic</b> )	Local agricultural economy	Prevent loss due to erosion, flooding or other processes	Regional	Medium	Yes	Yes	3C

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Harbour	Commercial operations in the harbour are at risk of erosion/flooding if breakwater/pier or quays were lost/failed.	Yes	Economic assets. Newhaven is a main cross-channel port, with facilities on both banks of River Ouse. <b>(socio-economic)</b>	International, national and regional economies, and local community	Maintain operational harbour	International	High	No	Yes	2/C
	Navigation channels would be lost if harbour breakwaters were not maintained or were lost	No	Important for commercial and recreational access to the harbour. <b>(socio-economic)</b>	International, national and regional economies, and local community	Maintain navigation channels	International	High	No	Yes	2/C
	The lifeboat facility in the harbour is at risk if breakwater/pier or quays were lost/failed.	Yes	Public safety. <b>(socio-economic)</b>	Local community, National and International mariners.	Maintain lifeboat station and sea access	International	Medium	No	Yes	2I
	Potential loss of one or both of lighthouses through erosion	Yes	Important for navigation, safe use of harbour <b>(socio-economic)</b>	International and national communities	Maintain functioning lighthouses	International	Medium	No	Yes	2I
	Recreational facilities in the harbour are at risk of erosion /flooding if breakwater/pier or quays were lost/failed.	Yes	Recreational feature. Includes Newhaven Marina <b>(socio-economic)</b>	Regional and local communities	Maintain recreational harbour/marina	Regional	High	No	Yes	3R
Landscape	The way in which the coastline is managed may impact on the landscape quality.	Yes	Newhaven designated as Area of Great Landscape Value. <b>(environmental)</b>	Sub-regional tourism, local community and local economy	Maintain landscape quality	Sub-regional	Medium	No	No	2L
Intertidal habitats	The way in which the frontage is managed presents the opportunity to improve intertidal habitats	No	Intertidal habitats of SE England are important internationally for ornithological value <b>(environmental)</b>	International community	Increase area of intertidal habitat	Local	Low	No	Yes	5E
River Ouse floodplain	Opportunity to increase area of floodplain grazing marsh	No	Biological value as national BAP habitat <b>(environmental)</b>	National community	Maintain or increase area of floodplain grazing marsh	National	High	No	Yes	3E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
River Ouse estuary fishery	Shoreline management activities may impact on fish nurseries and migration	No	Biological value of estuary fishery ( <b>environmental</b> )	Regional community	Minimise disturbance to fishery through appropriate timing and pollution control	Regional	Medium	No	Yes	4E
Newhaven Refuse Tip SNCI	Potential impacts on habitats from flooding	Yes	Conservation value as wet meadows, designated as SNCI. ( <b>environmental</b> )	Regional and local communities	Prevent loss or damage due to flooding	Sub-regional	Medium	No	Yes	4E
Archaeology	Potential loss or damage of valuable features through flooding	Yes	Several Archaeologically Sensitive Area within Newhaven and in Ouse valley ( <b>heritage</b> )	National community.	Prevent loss or damage due to flooding	National	High	No	No	2A
Various conservation areas	Potential loss of or damage to heritage buildings through flooding.	Yes	Conservation Areas (Newhaven's Church Hill, Denton, Piddinghoe, South Heighton) with Grade I/II* Listed buildings (in Newhaven and Piddinghoe) ( <b>heritage</b> )	National community.	Prevent loss or damage due to flooding	National	Medium	No	No	3A
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Cluster of sites associated with Newhaven harbour ( <b>heritage</b> )	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A
Beddingham Landfill potential contaminated land	Potential hazard if co-disposal landfill site were affected by flooding	Yes	Municipal co-disposal landfill site near the River Ouse, within predicted flood zone. ( <b>environmental</b> )	Local community and environment	Prevent mobilisation of contaminants					2E

### 4d05 Seaford (Tide Mills) to Newhaven Harbour

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Commercial properties	Potential loss of or damage to commercial premises (including cross-channel ferry terminal, harbour wharves), east bank industry and commerce) through flooding	Yes	International port. Importance of local marine aggregates industry. Impacts on community cohesion. Local employment.. <b>(socio-economic)</b>	Regional community and economy.	Prevent loss or damage due to erosion or flooding	Regional	High	No	Yes	2C
Infrastructure (transport)	Potential loss of or damage to local roads, A259 coastal link road, and major rail link through flooding.	Yes	Access to homes and businesses. Access to Newhaven port. Important coastal transport link.. <b>(socio-economic)</b>	Regional community and international economy	Maintain road and rail communication links to and in Newhaven	International	High	No	Yes	1I
Agricultural land	Potential loss of grade 3 and 4 land through flooding.	Yes	Economy/employment through farming. <b>socio-economic)</b>	Local agricultural economy	Prevent loss due to erosion, flooding or other processes	Sub-regional	Low	Yes	Yes	5C
Coastal path	Potential loss of sections of path through flooding.	Yes	Local amenity asset and part of Vanguard Way national trail <b>(socio-economic)</b>	Local community	Prevent loss due to flooding	Local	Medium	No	Yes	4R
Amenity beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is an important recreational feature of Seaford. <b>(socio-economic)</b>	Regional economy, businesses, residents and local community	Maintain a beach suitable for recreation	Sub-regional	Low	No	Yes	4R
Tide Mills vegetated shingle	Way in which the coastline is managed may impact on stable shingle.	Yes	Biological value as SNCI and national BAP habitat <b>(environmental)</b>	National community	Maintain or increase area of stable shingle	National	High	No	Yes	3E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Tide Mills lagoon	Way in which the coastline is managed may impact on saline lagoon by drying or inundation	Yes	Biological value as national BAP habitat <b>(environmental)</b>	National community	Maintain or increase area of stable shingle	National	High	No	Yes	3E
Archaeology	Potential loss or damage of valuable features through erosion or flooding	Yes	Archaeologically Sensitive Area extending to sea front at Tide Mills, plus additional ASA inland <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion or flooding	National	High	No	No	2A
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Cluster of sites associated with Newhaven harbour <b>(heritage)</b>	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A

#### 4d04 Seaford

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to <100 houses through erosion.	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion. <b>(socio-economic)</b>	Sub-regional community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Sub-regional	Medium	No	Yes	3H
Commercial properties	Potential loss of or damage to tourism (accommodation and attractions) and commercial premises through erosion.	Yes	Importance of tourism to regional economy. Impacts on community cohesion. <b>(socio-economic)</b>	Regional community and economy.	Prevent loss or damage due to erosion or flooding	Regional	High	No	Yes	2C

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Infrastructure (services)	Potential loss of or damage to local services through flooding or erosion.	Yes	Services to homes and businesses plus storm water outfalls to sea ( <b>socio-economic</b> )	Local community and economy	Maintain services to properties in Seaford	Local	Low	Yes	Yes	6I
Infrastructure (transport)	Potential loss of or damage to local roads and railway through flooding or erosion	Yes	Access to homes and businesses ( <b>socio-economic</b> )	Local community and economy	Maintain communication links to Newhaven/in Seaford.	Local	Medium	No	No	5I
Caravan Park/Site	Potential loss of or damage to site through erosion or flooding.	Yes	Important for local economy ( <b>socio-economic</b> )	Local economy and regional tourists.	Prevent loss or damage due to erosion or flooding	Regional	Medium	Yes	Yes	3C
Salts Recreation Ground	Potential threat to recreation area from flooding or erosion	Yes	Important amenity area for local residents and visitors to area. ( <b>socio-economic</b> )	Local community and tourists	Prevent loss due to flooding or erosion	Local	Low	No	Yes	4R
Promenade	The way in which the coastline is managed may have an adverse effect on the amenity value of the seafront.	Yes	Important amenity area for local residents (and also route of Vanguard Way national trail) ( <b>socio-economic</b> )	Local community and tourists	Maintain promenade	Sub-regional	Low	No	Yes	4R
Beach access	Potential loss of access to beach through erosion or management measures	Yes	Provides access for residents, tourists, maintenance contractors & emergency services. ( <b>socio-economic</b> )	Local community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R
Coastal path	Potential loss of sections of path through erosion.	Yes	Local amenity asset, and part of Vanguard Way national trail ( <b>socio-economic</b> )	Local community	Prevent loss due to erosion	Local	Medium	No	Yes	4R
Seaside Awards beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is a major asset in attracting tourists and an important recreational feature of the town. ( <b>socio-economic</b> )	Regional economy, businesses, residents and local community	Maintain a high quality beach	National	High	No	Yes	2R



Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Beach launch points	The way in which the coastline is managed may have an effect on the feasibility of launching vessels from the beach	Yes	Seaford Sailing Club launches uses beach launch sites <b>(socio-economic)</b>	Local community	Maintain boat launching opportunities	Local	Medium	No	Yes	5R
Seaford Green SNCI	Potential impacts on habitats from flooding and erosion	Yes	Conservation value, maritime grassland designated as SNCI. <b>(environmental)</b>	Regional and local community	Prevent loss or damage due to flooding or erosion	Sub-regional	Medium	No	Yes	4E
Martello Tower No. 74	Potential loss of or damage to SAM through flooding or erosion.	Yes	Scheduled Ancient Monument. <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion or flooding	National	Medium	No	No	2A
Medieval Crypt	Potential loss of or damage to SAM through flooding or erosion.	Yes	Scheduled Ancient Monument. <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion or flooding	National	Medium	No	No	2A
Archaeology	Potential loss or damage of valuable features through erosion or flooding	Yes	Archaeologically Sensitive Area extending to sea front <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion or flooding	National	High	No	No	2A
Various conservation areas	Potential loss of or damage to heritage buildings through flooding.	Yes	Conservation Areas (Town Centre, Chyngford Lane, Bishopstone, East Blatchington) with three Grade I/II* Listed buildings. <b>(heritage)</b>	National community.	Prevent loss or damage due to flooding	National	Medium	No	No	3A
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Relatively high density of sites off coast between Brighton Marina and Beachy Head <b>(heritage)</b>	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A

## 4d03 Seaford Head

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Agricultural land	Potential loss of land through erosion.	Yes	Economy/employment through farming. <b>socio-economic</b> )	Local agricultural economy	Prevent loss due to erosion, flooding or other processes	Sub-regional	Low	Yes	Yes	5C
Coastal path	Potential loss of sections of path through erosion.	Yes	Local amenity asset, and part of Vanguard Way national trail ( <b>socio-economic</b> )	Local community	Prevent loss due to erosion	Local	Medium	No	Yes	4R
Seaford Head Golf Course	Potential loss of part of course through erosion	Yes	Recreational facility for local community (municipal course). ( <b>socio-economic</b> )	Local community	Prevent loss due to erosion	Sub-regional	Low	No	Yes	4R
Hope Gap Steps	Whether to maintain facility in light of very high maintenance costs	No	Amenity and public safety asset ( <b>technical</b> )	Local community and visitors	Ensure public safety and maintain amenity asset if possible	Local	Medium	No	No	5I
Amenity beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is an important recreational feature of the area. ( <b>socio-economic</b> )	Regional economy, businesses, residents and local community	Maintain a beach suitable for recreation	Sub-regional	Low	No	Yes	4R
Sussex Downs coastal landscape	The way in which the coastline is managed may impact on the landscape quality. Change in nature and extent of coastal defence structures would improve landscape quality.	Yes	Part of one of the last remaining undeveloped chalk cliff coastlines in the southeast of England., with AONB, Heritage Coast and proposed National Park status ( <b>environmental</b> )	National tourism, local community & local economy	Maintain landscape quality conferring	National	High	No	No	1L
Seaford to Beachy Head SSSI (geo)	Way in which the coastline is managed, may impact on geological value by stabilisation.	Yes	Geological value as SSSI, GCRS, RIGS. Need to manage unstable cliffs for public safety. ( <b>environmental</b> )	National community	Maintain natural erosion processes on cliff top, cliff face and foreshore	National	High	No	No	2E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Seaford to Beachy Head SSSI (bio)	Way in which the coastline is managed, may impact on biological value by loss of habitat.	Yes	Biological value as SSSI and associated SINCs and LNR with national BAP habitat. Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural chalk cliff top, cliff face and foreshore habitats	National	High	No	No	2E
Seaford Head intertidal and nearshore zones	The way in which the coastline is managed may impact on the geology of the wave cut platform / nearshore and its marine life & archaeology	Yes	Seven Sisters Voluntary Marine Conservation Area, Sensitive Marine Area and mSNCl (Seaford Head Gullies) with national BAP habitat <b>(environmental/archaeological)</b>	National community	Maintain existing coastal & marine habitats plus geological & archaeological interest	National	High	No	No	2E/A
Seven Sisters Voluntary Marine Conservation Area	The way in which the coastline is managed may impact on the geology of the wave cut platform / nearshore and its marine life & archaeology	Yes	Seven Sisters VMCA extends eastwards from the Martello Tower <b>(environmental/archaeological)</b>	National community	Maintain existing coastal & marine habitats plus geological & archaeological interest	National	High	No	No	2E/A
Seaford Head Camp	Potential loss of or damage to SAMs through erosion.	Yes	Scheduled Ancient Monuments. <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion	National	Medium	No	No	2A
Archaeology	Potential exposure or loss of valuable features through erosion	Yes	Archaeologically Sensitive Area extending to cliff edge along entirety of Seaford Head <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion	National	High	No	No	2A
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Cluster of sites associated with Seaford Head <b>(heritage)</b>	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A

### 4d02 Cuckmere Haven and Cuckmere Valley

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to isolated houses through flooding (Cuckmere valley) or erosion (coastguard cottages)	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion. <b>(socio-economic)</b>	Local community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	4H
Commercial properties	Potential loss of or damage to valley properties (no coastal commercial properties) through flooding	Yes	Local economy. Impacts on community cohesion. <b>(socio-economic)</b>	Local community and economy.	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	5C
Infrastructure (services)	Potential loss of or damage to local services through erosion and flooding.	Yes	Services to homes and businesses <b>(socio-economic)</b>	Local community and economy	Maintain services to properties in Cuckmere valley	Local	Low	Yes	Yes	6I
Infrastructure (transport)	Potential loss of or damage to local roads and A259 coastal link road through flooding.	Yes	Access to homes and businesses. Important coastal transport link. <b>(socio-economic)</b>	Sub-regional community and economy	Maintain communication links in Cuckmere valley and south coast road	Sub-regional	Medium	Yes	Yes	4I
Agricultural land	Potential loss of land through flooding.	Yes	Economy/employment through farming. <b>socio-economic)</b>	Local agricultural economy	Prevent loss due to erosion, flooding or other processes	Regional	Medium	Yes	Yes	3C
Public footpaths	Potential loss of footpaths through flooding, especially west side.	Yes	Local amenity asset. <b>(socio-economic)</b>	Local community	Prevent loss due to erosion	Local	Medium	No	Yes	4R

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Beach access	Potential loss of access to beach through erosion or management measures.	Yes	Provides access for local fishing industry, residents, tourists, maintenance contractors & emergency services. Only access point for adjacent undercliff beaches. <b>(socio-economic)</b>	Local economy and community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5/R
Amenity beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is an important recreational feature of the area. <b>(socio-economic)</b>	Regional economy, businesses, residents and local community	Maintain a beach suitable for recreation	Sub-regional	Low	No	Yes	4R
Seaford to Beachy Head SSSI (geo)	Way in which the coastline is managed, may impact on geological value by stabilisation.	Yes	Geological value as SSSI, GCRS, RIGS. <b>(environmental)</b>	National community	Maintain natural erosion processes at Hope Gap Steps and shingle deposition at Cuckmere Haven	National	High	No	No	2E
Seaford to Beachy Head SSSI (bio)	Potential to lose vegetated shingle and to change freshwater/brackish habitats, including saline lagoons. Changes to shape and location of Cuckmere River mouth, with potential impacts further upstream.	Yes	Biological value as SSSI. Also national BAP habitats (saline lagoons, vegetated shingle). Estuary restoration proposals have been developed, removing artificial channel and training walls. <b>(environmental)</b>	National community	Return beach to a naturally functioning system. Maintain natural estuary habitats and increase intertidal habitats by restoring river to naturally functioning estuary system and mouth.	National	High	No	No	2E
Cuckmere valley floodplain	Opportunity to increase area of floodplain grazing marsh	No	Biological value as national BAP habitat <b>(environmental)</b>	National community	Maintain or increase area of floodplain grazing marsh	National	High	No	Yes	3E

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Cuckmere River estuary fishery	Shoreline management activities may impact on fish nurseries and migration	No	Biological value of estuary fishery ( <b>environmental</b> )	Regional community	Minimise disturbance to fishery through appropriate timing and pollution control	Regional	Medium	No	Yes	4E
Sussex Downs coastal landscape	The way in which the coastline is managed may impact on the landscape quality. Change in nature and extent of coastal defence structures would improve landscape quality.	Yes	Part of one of the last remaining undeveloped chalk cliff coastlines in the southeast of England., with AONB, Heritage Coast, Country Park and proposed National Park status. ( <b>environmental</b> )	National tourism, local community & local economy	Maintain landscape quality conferring	National	High	No	No	1L
Seaford Head to Beachy Head intertidal and nearshore zones	The way in which the coastline is managed may impact on the geology of the wave cut platform / nearshore and its marine life & archaeology	Yes	Seven Sisters Voluntary Marine Conservation Area, Sensitive Marine Area with national BAP habitat ( <b>environmental/ archaeological</b> )	National community	Maintain existing coastal & marine habitats plus geological & archaeological interest	National	High	No	No	2E/A
Cuckmere Haven Barracks	Potential loss of or damage to SAM through erosion or flooding.	Yes	Scheduled Ancient Monument. ( <b>heritage</b> )	National community.	Prevent loss or damage due to erosion or flooding.	National	Medium	No	No	2A
Cuckmere Valley SAMs	Potential loss of or damage to SAMs through flooding.	Yes	Scheduled Ancient Monuments at West Dean Manor House and Charleston Manor, Westdean. Archaeological potential of Exceat medieval port. ( <b>heritage</b> )	National community.	Prevent loss or damage due to flooding	National	Medium	No	No	2A
Archaeology	Potential loss of valuable features through flooding	Yes	Various Archaeologically Sensitive Areas in Cuckmere valley ( <b>heritage</b> )	National community.	Prevent loss or damage due to flooding	National	High	No	No	2A

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Various conservation areas	Potential loss of or damage to heritage buildings through flooding.	Yes	Conservation Areas (West Dean, Littleton, Alfriston) with Listed buildings ( <b>heritage</b> )	National community.	Prevent loss or damage due to flooding	National	Medium	No	No	3A
Coastal archaeology	Further loss of or damage to WWII coastal crust fortifications	Yes	Heritage feature particularly vulnerable to coastal management activities	Regional community	Prevent loss or damage due to erosion or interference	Regional	Medium	No	No	4A
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Relatively high density of sites off coast between Brighton Marina and Beachy Head ( <b>heritage</b> )	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A

**4d01 Beachy Head to Cuckmere Haven (\*Part 1 of 3 Birling Gap to Cuckmere Haven)**

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Agricultural land	Potential loss of grade 4 land through erosion.	Yes	Economy/employment through farming ( <b>socio-economic</b> )	Local agricultural economy	Prevent loss due to erosion, flooding or other processes	Sub-regional	Low	Yes	Yes	5C
South Downs Way	Potential loss of part of National Trail.	Yes	Part of national network of trails important for recreation and tourism. ( <b>socio-economic</b> )	National community	Prevent loss due to erosion	National	High	No	Yes	2R
Amenity beach	The way in which the coastline is managed may have an adverse effect on the value of the beach	Yes	The beach is an important recreational feature of the area. ( <b>socio-economic</b> )	Regional economy, businesses, residents and local community	Maintain a beach suitable for recreation	Sub-regional	Low	No	Yes	4R

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Seaford to Beachy Head SSSI (geo)	Way in which the coastline is managed, may impact on geological value by stabilisation.	Yes	Geological value as SSSI, GCRS, RIGS. Need to manage unstable cliffs for public safety <b>(environmental)</b>	National community	Maintain natural erosion processes on cliff top, cliff face and foreshore	National	High	No	No	2E
Seaford to Beachy Head SSSI (bio)	Way in which the coastline is managed, may impact on biological value by loss of habitat.	Yes	Biological value as SSSI and associated SINCS and LNR with national BAP habitat. Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural chalk cliff top, cliff face and foreshore habitats	National	High	No	No	2E
Seaford Head to Beachy Head intertidal and nearshore zones	The way in which the coastline is managed may impact on the geology of the wave cut platform / nearshore and its marine life & archaeology	Yes	Seven Sisters Voluntary Marine Conservation Area, Sensitive Marine Area and mSNCI with national BAP habitat <b>(environmental / archaeological)</b>	National community	Maintain existing coastal & marine habitats plus geological & archaeological interest	National	High	No	No	2E/A
Seven Sisters Tumuli	Potential loss of or damage to SAMs through erosion.	Yes	Two Scheduled Ancient Monuments. <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion	National	Medium	No	No	2A
Archaeology	Potential exposure or loss of valuable features through erosion	Yes	Archaeologically Sensitive Area extending to cliff top <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion	National	High	No	No	2A
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Relatively high density of sites off coast between Brighton Marina and Beachy Head <b>(heritage)</b>	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A



Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Sussex Downs coastal landscape	The way in which the coastline is managed may impact on the landscape quality.	Yes	Part of one of the last remaining undeveloped chalk cliff coastlines in the southeast of England., with AONB, Heritage Coast, Country Park and proposed National Park status <b>(environmental)</b>	National tourism, local community & local economy	Maintain landscape quality conferring	National	High	No	No	1L

#### 4d01 Beachy Head to Cuckmere Haven (\*Part 2 of 3 Birling Gap)

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Residential Properties	Potential loss of or damage to isolated houses through erosion	Yes	Homes for people. Anxiety and stress to owners and occupiers facing loss. Devaluation of neighbouring property. Impacts on community cohesion. <b>(socio-economic)</b>	Local community, Individual Property Owners	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	4H
Commercial properties	Potential loss of or damage to properties (hotel) through erosion.	Yes	Local economy. Impacts on community cohesion.	Local community and economy.	Prevent loss or damage due to erosion or flooding	Local	Medium	No	Yes	5C
Infrastructure (transport)	Potential loss of or damage to local roads including B2103 coast road through erosion.	Yes	Access to homes and businesses. Only access to coast.. <b>(socio-economic)</b>	Sub-regional community and economy	Maintain communication links to Birling Gap and coast	Sub-regional	Medium	Yes	Yes	4I
Coastguard station	Potential loss of or damage to the station through erosion	Yes	Public safety. <b>(socio-economic)</b>	Local community and tourists.	Maintain coastguard station	Local	Medium	No	Yes	5I

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
South Downs Way	Potential loss of part of National Trail.	Yes	Part of national network of trails important for recreation and tourism. <b>(socio-economic)</b>	National community	Prevent loss due to erosion	National	High	No	Yes	2R
Beach access	Potential loss of access to beach through erosion or management measures.	Yes	Provides access for local fishing industry, residents, tourists, maintenance contractors & emergency services. Only access point for adjacent undercliff beaches. <b>(socio-economic)</b>	Local economy and community, tourists	Maintain safe beach access	Local	Medium	Yes	Yes	5I/R
Seaford to Beachy Head SSSI (geo)	Way in which the coastline is managed, may impact on geological value by stabilisation.	Yes	Geological value as SSSI, GCRS, RIGS.. <b>(environmental)</b>	National community	Maintain natural erosion processes on cliff top, cliff face and foreshore	National	High	No	No	2E
Seaford to Beachy Head SSSI (bio)	Way in which the coastline is managed, may impact on biological value by loss of habitat.	Yes	Biological value as SSSI and associated SINCs and LNR with national BAP habitat. Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural chalk cliff top, cliff face and foreshore habitats	National	High	No	No	2E
Seaford Head to Beachy Head intertidal and nearshore zones	The way in which the coastline is managed may impact on the geology of the wave cut platform / nearshore and its marine life & archaeology	Yes	Seven Sisters Voluntary Marine Conservation Area and Sensitive Marine Area with national BAP habitat <b>(environmental) / archaeological)</b>	National community	Maintain existing coastal & marine habitats plus geological & archaeological interest	National	High	No	No	2E/A
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Relatively high density of sites off coast between Brighton Marina and Beachy Head <b>(heritage)</b>	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Sussex Downs coastal landscape	The way in which the coastline is managed may impact on the landscape quality.	Yes	Part of one of the last remaining undeveloped chalk cliff coastlines in the southeast of England., with AONB, Heritage Coast and proposed National Park status ( <b>environmental</b> )	National tourism, local community & local economy	Maintain landscape quality conferring	National	High	No	No	1L

#### 4d01 Beachy Head to Cuckmere Haven (\*Part 3 of 3 Beachy Head to Birling Gap)

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Infrastructure (transport)	Potential loss of or damage to B2103 coast road through erosion.	Yes	Access to homes, businesses, car parks and recreational areas. Only access to coast and between Birling Gap and Beachy Head ( <b>socio-economic</b> )	Sub-regional community and economy	Maintain B2103	Sub-regional	Medium	Yes	Yes	4I
Agricultural land	Potential loss of grade 4 land through erosion.	Yes	Economy/employment through farming. <b>socio-economic</b>	Local agricultural economy	Prevent loss due to erosion, flooding or other processes	Sub-regional	Low	Yes	Yes	5C
South Downs Way	Potential loss of part of National Trail.	Yes	Part of national network of trails important for recreation and tourism. ( <b>socio-economic</b> )	National community	Prevent loss due to erosion	National	High	No	Yes	2R
Beachy Head lighthouse	Potential loss through erosion	Yes	Important for navigation, safety at sea, historic importance, landscape feature ( <b>socio-economic/environmental</b> )	International and national communities, regional and local tourism	Maintain functioning lighthouse	International	Medium	No	Yes	2I

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Seaford to Beachy Head SSSI (geo)	Way in which the coastline is managed, may impact on geological value by stabilisation.	Yes	Geological value as SSSI, GCRS, RIGS. Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural erosion processes on cliff top, cliff face and foreshore	National	High	No	No	2E
Seaford to Beachy Head SSSI (bio)	Way in which the coastline is managed, may impact on biological value by loss of habitat.	Yes	Biological value as SSSI and associated SNCI and LNR with national BAP habitat. Need to manage unstable cliffs for public safety. <b>(environmental)</b>	National community	Maintain natural chalk cliff top, cliff face and foreshore habitats	National	High	No	No	2E
Seaford Head to Beachy Head intertidal and nearshore zones	The way in which the coastline is managed may impact on the geology of the wave cut platform / nearshore and its marine life & archaeology	Yes	Seven Sisters Voluntary Marine Conservation Area, Sensitive Marine Area and mSCNI with national BAP habitat <b>(environmental / archaeological)</b>	National community	Maintain existing coastal & marine habitats plus geological & archaeological interest	National	High	No	No	2E/A
The Pound	Way in which the coastline is managed may impact on biological value by loss of habitat.	Yes	Upper Greensand reef, part of Seaford to Beachy Head SSSI (bio) with national BAP habitat <b>(environmental)</b>	National community	Avoid accelerated erosion or deposition	National	High	No	No	2E
Belle Tout Enclosure and Bowl Barrow	Potential loss of or damage to SAMs through erosion.	Yes	Scheduled Ancient Monuments. <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion	National	Medium	No	No	2A
Archaeology	Potential exposure or loss of valuable features through erosion	Yes	Archaeologically Sensitive Area with several SAMs within 1.5 km of cliff top (but these not believed to be at risk within 120 years) <b>(heritage)</b>	National community.	Prevent loss or damage due to erosion	National	High	No	No	2A
Belle Tout Lighthouse	Potential loss of or damage to Listed building through erosion.	Yes	Grade II Listed building, now a private residence <b>(heritage/socio-economic)</b>	Local and regional community, and individual property owner	Prevent loss or damage	Regional	Medium	No	No	4A

Feature	Issue associated with Feature	Affect Policy?	Why is issue important?	Who benefits?	Objectives	Scale?	Importance?	Enough?	Replace?	Rank
Inshore archaeology	Potential loss of or damage to archaeological sites through accelerated erosion or deposition.	Yes	Relatively high density of sites off coast between Brighton Marina and Beachy Head ( <b>heritage</b> )	Regional community	Prevent loss or damage due to accelerated erosion or deposition	Regional	Medium	No	No	4A
Sussex Downs coastal landscape	The way in which the coastline is managed may impact on the landscape quality.	Yes	Part of one of the last remaining undeveloped chalk cliff coastlines in the southeast of England., with AONB, Heritage Coast and proposed National Park status ( <b>environmental</b> )	National tourism, local community & local economy	Maintain landscape quality conferring	National	High	No	No	1L