

## Resilient Coasts questionnaire survey

### Section 1: Perceptions about the UK coast

#### Q 1.1. How often do you visit the coast/beach? (anywhere)

- ☐ Most days
- ☐ At least once a week
- ☐ At least once a month
- ☐ At least once every couple of months
- ☐ At least once every six months
- ☐ At least once a year
- ☐ Less often

#### Q 1.2. What do you value about the coast? (1=not important, 5=very important)

Appearance of the coast	1	2	3	4	5
Good recreational activities (including swimming, surfing, golf etc.)	1	2	3	4	5
A sandy beach for sunbathing	1	2	3	4	5
Easy access onto the coast	1	2	3	4	5
Coastal path/walking routes	1	2	3	4	5
Retaining some underdeveloped/natural coastal character	1	2	3	4	5
Flood and erosion protection	1	2	3	4	5
Biodiversity, habitats for rare or endangered species	1	2	3	4	5
Other (please specify) _____	1	2	3	4	5

**Q 1.3. Are you a member of any group/association that is linked to the coast? (multiple answers possible)**

- ☐ Yes, I am a member of water sports group
- ☐ Yes, I am a member of an environmental group (including beach cleans)
- ☐ Yes, I am a member of birdwatching group
- ☐ Yes, other group (please specify) \_\_\_\_\_
- ☐ No, I am not a member of any group/club/association

**Q 1.4. How confident are you that you could influence local decision making with regards to the coast?**

- ☐ Very confident
- ☐ Fairly confident
- ☐ Not very confident
- ☐ Not at all confident
- ☐ I am not interested in influencing the decisions

**Q1.5 Have you participated in any public processes (e.g. public meetings, making a submission) with respect to coastal management in your local area?**

- ☐ No
- ☐ Yes (please describe)

**Q1.6 Would you take part in public consultation about coastal management if you had a chance?**

- ☐ I would take part because...
- ☐ I would not take part because...
- ☐ I don't know

## Section 2: Coastal protection in the UK

**Q2.1 What features of coastal management solutions are important to you? (1=not important, 5=very important)**

Minimal impact on habitats	1	2	3	4	5
Permanence of the solution	1	2	3	4	5
Cost efficiency	1	2	3	4	5
Easy maintenance	1	2	3	4	5
Visual appeal	1	2	3	4	5
Other (please specify)	1	2	3	4	5

**Q2.2 Have you heard about green/nature-based coastal protection solutions?**

- ☐ Yes, and I am familiar with them
- ☐ Yes, but I don't know much about them
- ☐ No

**Q2.3 How acceptable in your perception is managed realignment? (removing/relocating sea defences allowing flooding and forming of intertidal habitats) (we encourage you to use the space under "other" to tell us your own opinion and reasons)**

- ☐ Acceptable in any suitable location even if it means relocation of homes
- ☐ Acceptable only where people are not displaced
- ☐ Not acceptable
- ☐ I don't know enough to decide
- ☐ Other (please specify) \_\_\_\_\_

**Q2.4 How acceptable in your perception is the development of new grey engineered structures such as near-vertical seawalls? (we encourage you to use the open space to tell us your own opinion and reasons)**

- ☐ Acceptable even if it means damaging natural ecosystem
- ☐ Acceptable only if it does not cause any damage
- ☐ Acceptable if it is the only option
- ☐ Not acceptable
- ☐ I don't know enough to decide
- ☐ Other (please specify) \_\_\_\_\_

**Q2.5 Please indicate what are your perceptions of given coastal flood and erosion solutions.**

	...can efficiently protect coast from flooding and erosion [2.5.1]		...is/are good value for money [2.5.2]		...can have a negative impact on the natural character of the coastline [2.5.3]		...can increase risks elsewhere along the coast [2.5.4.]	
	Yes	No	Yes	No	Yes	No	Yes	No
Seawalls (near-vertical concrete or rock walls) _1	Yes	No	Yes	No	Yes	No	Yes	No
Groynes (structures built from the shore out into the sea to restrict the flow of sediment) _2	Yes	No	Yes	No	Yes	No	Yes	No
Gabions (individual wire cages filled with rocks) _3	Yes	No	Yes	No	Yes	No	Yes	No
Managed realignment (removing/relocating sea defences allowing flooding and forming of intertidal habitats) _4	Yes	No	Yes	No	Yes	No	Yes	No
Beach nourishment (adding extra sand to maintain natural barriers) _5	Yes	No	Yes	No	Yes	No	Yes	No
Dune restoration (planting vegetation and re-shaping dunes) _6	Yes	No	Yes	No	Yes	No	Yes	No

Restoration/re-creation of natural ecosystems such as salt marshes and seagrass meadows _7	Yes	No	Yes	No	Yes	No	Yes	No
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**Q2.6 Who should pay for coastal protection? (multiple answers possible)**

- ☐ National (UK) government
- ☐ Devolved government
- ☐ Local authorities
- ☐ Local landowners or residents
- ☐ Costs should be shared by the combination of the above
- ☐ Other (please specify) \_\_\_\_\_

**Q2.7 How would you rate your trust in these organisations with regard to flood management policies, actions and funding? (1=don't trust at all, 5= trust completely)**

UK government	1	2	3	4	5
Scottish Government	1	2	3	4	5
Scottish Environmental Protection Agency (SEPA)	1	2	3	4	5
NatureScot	1	2	3	4	5
Falkirk Council	1	2	3	4	5
Other (please specify)	1	2	3	4	5

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**Section 3: Coastal protection along the Inner Forth estuary (Falkirk Council)**

**Q3.1 Please choose one stretch of coast nearest to your house and keep it in mind when answering the following questions in this section.**

**Q3.2 What are the most important reasons for protecting the stretch of coast you identified in question 3.1? (please RANK these statements in order from most important (4=most important) to least important (1=least important))**

- \_\_\_\_\_ Protect local habitats/wildlife
- \_\_\_\_\_ Protect private property
- \_\_\_\_\_ Protect local businesses/farms
- \_\_\_\_\_ Protect the cultural value of the area

**Q3.3 Have you seen/experienced coastal changes of the stretch of coast you identified in question 3.1?**

- ☐ No, the coast appears the same as I saw it the first time
- ☐ Yes, I have noticed minor changes
- ☐ Yes, I have noticed major changes
- ☐ I don't know

**Q3.4 Which of the following do you think are key coastal issues for the stretch of coast you identified in question 3.1?**

- ☐ Coastal flooding
- ☐ Coastal erosion
- ☐ Both coastal flooding and erosion
- ☐ Other (please specify) \_\_\_\_\_
- ☐ There are no issues

**Q3.5 Have you ever personally experienced flooding and/or coastal erosion? (coastal erosion - wearing away of the land)**

- ☐ Experienced flooding without any loss/damage
- ☐ Experienced loss/damage from flooding
- ☐ Experienced erosion without any loss/damage
- ☐ Experienced loss/damage from erosion
- ☐ Experienced both flooding and erosion without any loss/damage
- ☐ Experienced loss/damage from both flooding and erosion
- ☐ No experience

**Q3.6 How concerned are you about the local impacts of climate change?**

- ☐ Very concerned
- ☐ Concerned
- ☐ Not very concerned
- ☐ Not concerned at all
- ☐ No opinion

**Q3.7 How well do you think your local authorities are prepared for long term coastal change?**

- ☐ Not well at all
- ☐ Slightly well
- ☐ Moderately well
- ☐ Very well
- ☐ Extremely well

**Q3.8 Do you think coastal flooding and erosion are currently dealt with fairly in ... council areas?**

- ☐ Yes
- ☐ No
- ☐ I don't know

**Q3.9 Do you think coastal flooding and erosion are currently dealt with wisely in ... council areas?**

- ☐ Yes
- ☐ No
- ☐ I don't know

**Q3.10 Which coastal protection options in your opinion are the most suitable for the stretch of coast you identified in question 3.1? (1=least suitable, 5= very suitable)**

Seawalls (near-vertical concrete or rock walls)	1	2	3	4	5
Groynes (structures built from the shore out into the sea to restrict the flow of sediment)	1	2	3	4	5
Gabions (individual wire cages filled with rocks)	1	2	3	4	5
Additional managed realignment (removing/relocating sea defences allowing flooding and forming of intertidal habitats)	1	2	3	4	5
Beach nourishment (adding extra sediment to maintain natural barriers)	1	2	3	4	5
Dune restoration (planting vegetation and re-shaping dunes)	1	2	3	4	5
Restoration/recreation of natural ecosystems such as salt marshes and seagrass meadows	1	2	3	4	5
Doing nothing (letting natural processes occur without intervention)	1	2	3	4	5
A mix of options will be required	1	2	3	4	5
Planning rules to limit future development in areas at risk	1	2	3	4	5
Other (please specify)	1	2	3	4	5

**Q3.11 Which one of the above options do you prefer the most and what are your reasons for preferring it?** \_\_\_\_\_



**Q3.12. How often do you visit RSPB Hesketh Out Marsh reserve?** (only for Hesketh Bank)

- ☐ Most days
- ☐ At least once a week
- ☐ At least once a month
- ☐ At least once every couple of months
- ☐ At least once every six months
- ☐ At least once a year
- ☐ Less often
- ☐ I have never visited

## Section 4: Demographics

**Q4.1 What age are you?**

- ☐ 18-24
- ☐ 25-34
- ☐ 35-44
- ☐ 45-54
- ☐ 55-64
- ☐ 65-74
- ☐ 75-84
- ☐ 85+
- ☐ Prefer not to say

**Q4.2 What is the highest level of education you have completed?**

- ☐ No formal education
- ☐ Primary school
- ☐ Secondary school up to 16 years
- ☐ Higher or secondary or further education (A-levels, BTEC, etc.)
- ☐ College or university
- ☐ Post-graduate degree
- ☐ Prefer not to say

**Q4.3 How long have you lived near the Inner Forth estuary?**

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**Q4.4 What is your household's annual income before tax?**

- ☐ £ 0-12,500
- ☐ £ 12,501-20,000
- ☐ £ 20,001-30,000
- ☐ £ 30,001-40,000
- ☐ £ 40,001-50,000
- ☐ £ 50,001-60,000
- ☐ £ 60,001-70,000
- ☐ £ over 70,000
- ☐ Prefer not to say

**Q4.5 What is your employment status?**

- ☐ Full-time
- ☐ Part-time
- ☐ Self-employed
- ☐ Student
- ☐ Retired
- ☐ Homemaker
- ☐ Not employed
- ☐ Other
- ☐ Prefer not to say

**Q4.6 Are you?**

- ☐ Male
- ☐ Female
- ☐ Other \_\_\_\_\_
- ☐ Prefer not to say