

## Response ID ANON-AF24-42WQ-U

Submitted to **Call for Evidence on Flooding and Coastal Erosion**

Submitted on **2019-08-07 13:25:50**

### Introduction

#### 1 Would you like your response to be confidential?

No

If you answered Yes to this question, please give your reasons.:

#### 2 What is your name?

**Name:**

Hannah Fluck

#### 3 What is your email address?

**Email:**

hannah.fluck@historicengland.org.uk

#### 4 What is your organisation?

**Organisation:**

Historic England

### What we understand by the term "resilience"

#### 5 How is the concept of resilience applied in relation to flooding and/or coastal erosion? For example, how do you use it in your own work? How is it used internationally?

**Please provide any evidence and any comments.:**

We use resilience to mean the ability to adapt to changing circumstances, with regard to flooding and coastal erosion this is the ability to adapt to changing flood risks and to recover from flooding events. We would use it with regard to buildings - for instance know that many traditional building materials are more resilient to flooding than modern counterparts in that they can experience flooding, recover quickly and not need replacement (e.g. stone, brick, lime mortars and plasters solid wood). We also recognise that the historic environment can support resilience of people and communities.

<https://historicengland.org.uk/research/heritage-counts/2012-the-historic-environment-and-resilience/>

<https://research.historicengland.org.uk/redirect.aspx?id=6739|An%20Analysis%20of%20Drying%20Data%20from%20a%20Medieval%20Hall%20after%20Flooding>  
<https://research.historicengland.org.uk/redirect.aspx?id=6782|A%20Preliminary%20Study%20of%20Flood%20Remediation%20in%20Hebden%20Bridge%20and%20Appleby>

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

APreliminaryStudyofFloodRemediationinHebdenBridgeandAppleby.pdf was uploaded

#### 6 How can the different aspects of resilience be brought together into one "overall resilience" concept?

**Please provide any evidence and any comments.:**

If resilience is the ability to recover after flooding then overall resilience is about people, places and structures. Supporting resilience is about supporting those behaviours, activities and material considerations that facilitate adaptation to changing circumstances and recovery from flood events. That includes measures to avoid or reduce flooding in the first instance but that is not the only consideration. With regard to heritage assets good maintenance is important for resilience.

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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### Describing outcomes, driving action and monitoring progress

#### 7 Please provide examples from other contexts of the effective use of metrics to achieve an overarching outcome (e.g. sustainability or wellbeing) and of frameworks which are successful in supporting this.

**Please provide any evidence and any comments.:**

Historic England have developed a 'Public Values Framework' to determine the public value of what we do, this has influenced our 'places strategy'.

<https://historicengland.org.uk/content/docs/planning/he-places-strategy-2019/>

and Corporate Plan <https://historicengland.org.uk/images-books/publications/he-corp-plan-2019-22/historic-england-corp-plan-2019-22/>

Historic England have also overseen a programme that monitors and advises on 'Heritage At Risk' on which we report annually. This enables monitoring of the number of heritage assets at risk and the success of different activities in reducing that number. The HAR register helps organisations, communities and owners

work together to find solutions for at risk historic places. <https://historicengland.org.uk/advice/heritage-at-risk/>  
<https://historicengland.org.uk/images-books/publications/har-2018-registers/>

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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**8 What would be the advantages and disadvantages of using composite metrics to describe, drive and monitor flood and coastal erosion outcomes (nationally and locally)?**

**Please provide any evidence and any comments.:**

no comment

**If you identified disadvantages, how may these be overcome?:**

no comment

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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## **Enabling action in coastal communities**

**9 Please provide evidence about approaches which coastal protection authorities and coastal groups can use to make a robust assessment of the long-term affordability and ongoing sustainability of coastal management policies, including any barriers to implementation.**

**Please provide any evidence and any comments.:**

Please see recent Historic England work on valuing marine heritage and also work on characterising seascapes which could help inform and shape such approaches.

<https://historicengland.org.uk/research/methods/characterisation-2/historic-seascapes/>

<https://research.historicengland.org.uk/Report.aspx?i=16332&ru=%2fResults.aspx%3fn%3d10%26ry%3d2019%26p%3d3>

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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**10 Please provide information about how coast authorities have successfully combined decisions about managing the coastline (Shoreline Management Plans) with wider plans and decisions for the area (including land use, economic development, social and environmental objectives) and the challenges of achieving this.**

**Please provide any evidence and any comments.:**

see above.

also relevant Historic England research report on social and economic value of the marine environment

<https://research.historicengland.org.uk/Report.aspx?i=15854&ru=%2fResults.aspx%3fp%3d1%26n%3d10%26a%3d4952%26ns%3d1>

and on tidal range development and the historic environment

<https://research.historicengland.org.uk/Report.aspx?i=16091&ru=%2fResults.aspx%3fp%3d1%26n%3d10%26a%3d4952%26ns%3d1>

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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**11 Please provide examples where an authority has sought, successfully or unsuccessfully, to use its Coast Protection Act 1949 powers to a) make a coast protection scheme to carry out coast protection works and b) levy coast protection charges in respect of such a scheme.**

**Please provide any evidence and any comments.:**

no comment

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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**12 Please provide examples of cases where a coast protection authority has sought to create a Coastal Change Management Area including any barriers the authority faced, and how the area is helping local communities to adapt.**

**Please provide any evidence and any comments.:**

no comment

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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## **Corporation tax relief for business contributions**

**13 Please provide evidence on how and where businesses have used the provision for them to receive corporation tax relief on their contributions to government funded flood and coast projects.**

**Please provide any evidence and any comments.:**

no comment

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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### **Local funding initiatives that harness community and private contributions**

**14 Please provide examples of initiatives delivering flood and coastal erosion outcomes which have been funded from sources other than the public sector, and explain how they were funded.**

**Please provide any evidence and any comments.:**

Historic England Heritage Action Zone work in Appleby has been focused on supporting flood recovery and resilience. Although the work is part funded/supported in kind by Historic England and Eden District Council the work includes working with Cumbria Action for Sustainability (CAFS), Lake District Lime and local architects for the 'ready for rain' project repairing a flood affected property and using it as a training opportunity for other local property owners and construction workers. This work is linked to National Lottery Community Fund funded work by CAFS.

<https://historicengland.org.uk/services-skills/heritage-action-zones/appleby/>

<https://cafs.org.uk/our-projects/33a-chapel-street-readyforrain/>

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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**15 What determines the success of flood and coastal erosion initiatives which have private and community contributions?**

**Please provide any evidence and any comments.:**

no comment

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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**16 What could be done to encourage private and community funded initiatives and help them succeed?**

**Please provide any evidence and any comments.:**

no comments

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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### **Developer contributions**

**17 Please provide evidence on the extent to which contributions being made by developers (through section 106, Community Infrastructure Levy and other means) are being used to fund works to manage the flood risks.**

**Please provide any evidence and any comments.:**

no comment

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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**18 What are the barriers to securing and using developer contributions to ensure that new developments are safe for their lifetime, taking account of climate change? How can these barriers be overcome?**

**Please provide any evidence and any comments.:**

no comment

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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**19 Please provide examples of cases where authorities have sought (successfully or unsuccessfully) to pool contributions to build larger pieces of flood or coast infrastructure that benefit more than one local authority area?**

**Please provide any evidence and any comments.:**

no comment

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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**20 Where flood alleviation measures have been put in place as part of a new development, have the ongoing maintenance costs been provided for under these arrangements?**

**Please provide any evidence and any comments.:**

no comment

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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## **Managing financial risks**

**21 Please provide examples of public and private organisations which are already disclosing their financial exposure to flood or other climate risks and how they go about it.**

**Please provide any evidence and any comments.:**

no comment

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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**22 What are the barriers to identifying and disclosing financial exposure to flood risks and how could they be overcome?**

**Please provide any evidence and any comments.:**

no comment

**Please upload any relevant documents or provide hyperlinks in the text box above.:**

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