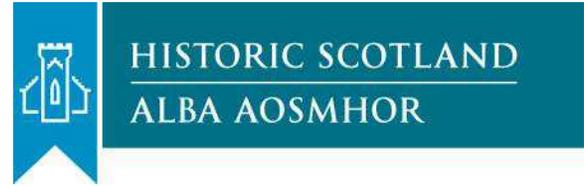


12 May 2015



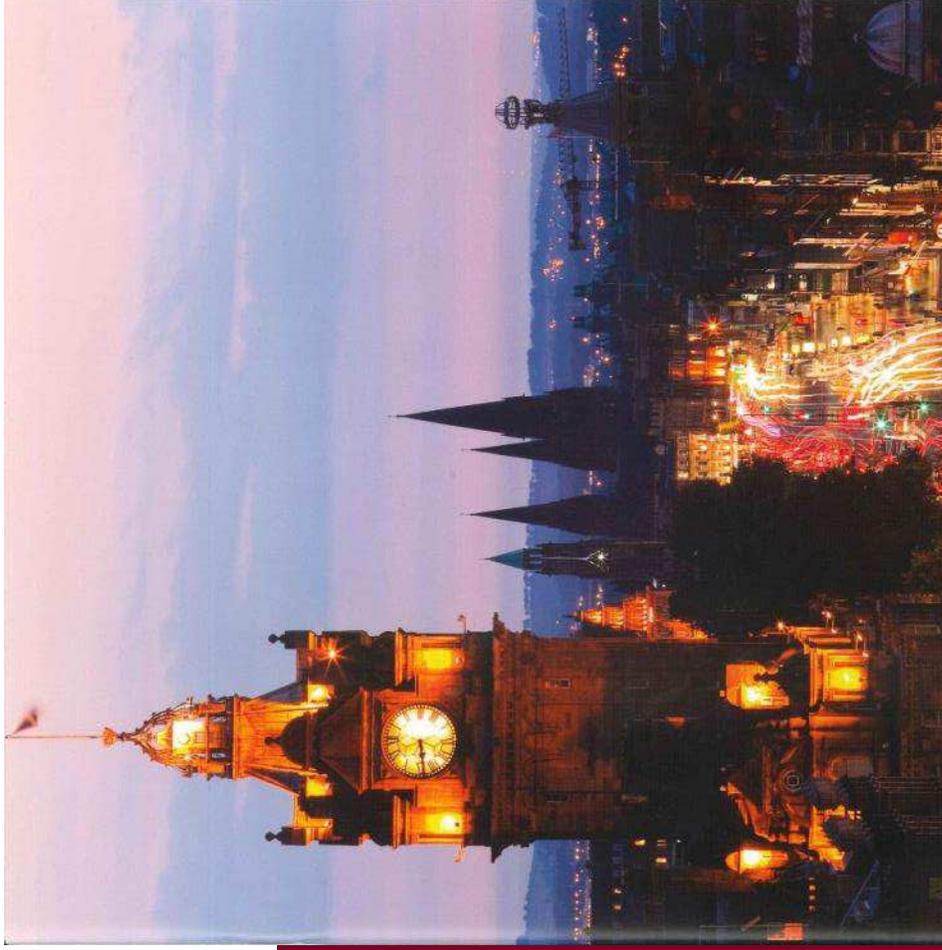
# Coastal Climate Change Adaptation for Scotland's Historic Environment

Dr Mairi Davies and Dr Ewan Hyslop



# Historic Scotland

- Executive Agency of the Scottish Government
- Direct management of 345 Properties in Care
- Large geographical spread
- Regulatory role (*c.8000 scheduled monuments/c.48,000 listed buildings*)
- **Grants** (*City Heritage Trusts; Conservation Area Regeneration Schemes; Building Repair Grants; Archaeology*)
- Largest operator of paid-for visitor attractions (*3.4 million visitors in 2013/14 generating £38M income*)
- Supporting the broader historic environment: advice & guidance



A CLIMATE CHANGE  
ACTION PLAN FOR  
HISTORIC SCOTLAND  
2012-2017

HISTORIC SCOTLAND  
ALBA AOSMHOR



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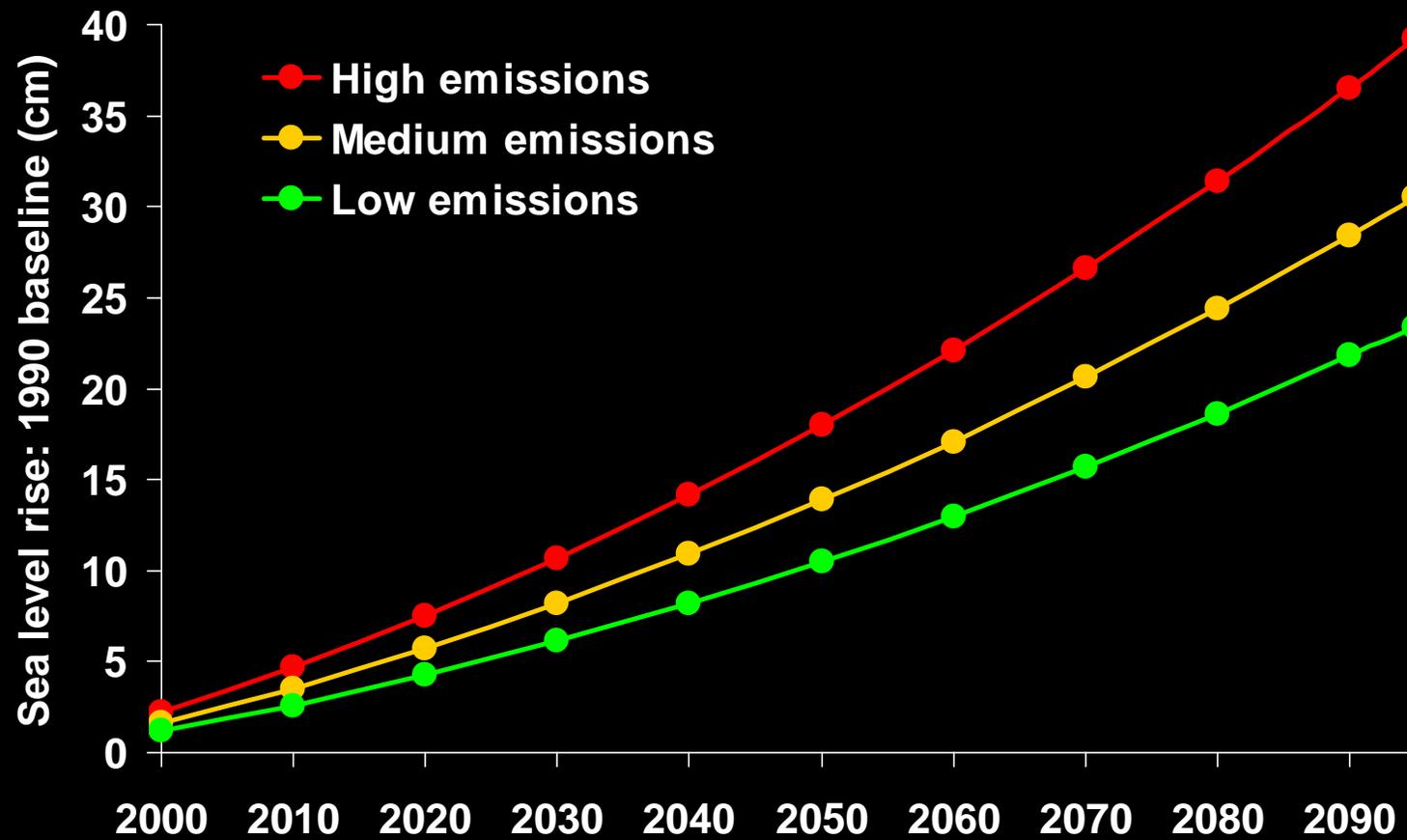
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## Projected Sea Level Rise at Edinburgh

### Edinburgh





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Classic 'honeycomb' weathering and surface loss caused by the action of salt spray and wind in a coastal location.

# Coastal Erosion

Skara Brae



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*External Protection:*  
*Coastal Erosion*  
Skara Brae, Orkney World Heritage Site



***External Protection:  
Coastal Erosion***

**Skara Brae, Orkney World Heritage Site**



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***External Protection:  
Coastal Erosion  
Fort George***



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# ***Coastal Erosion***

## **Castle Sween**

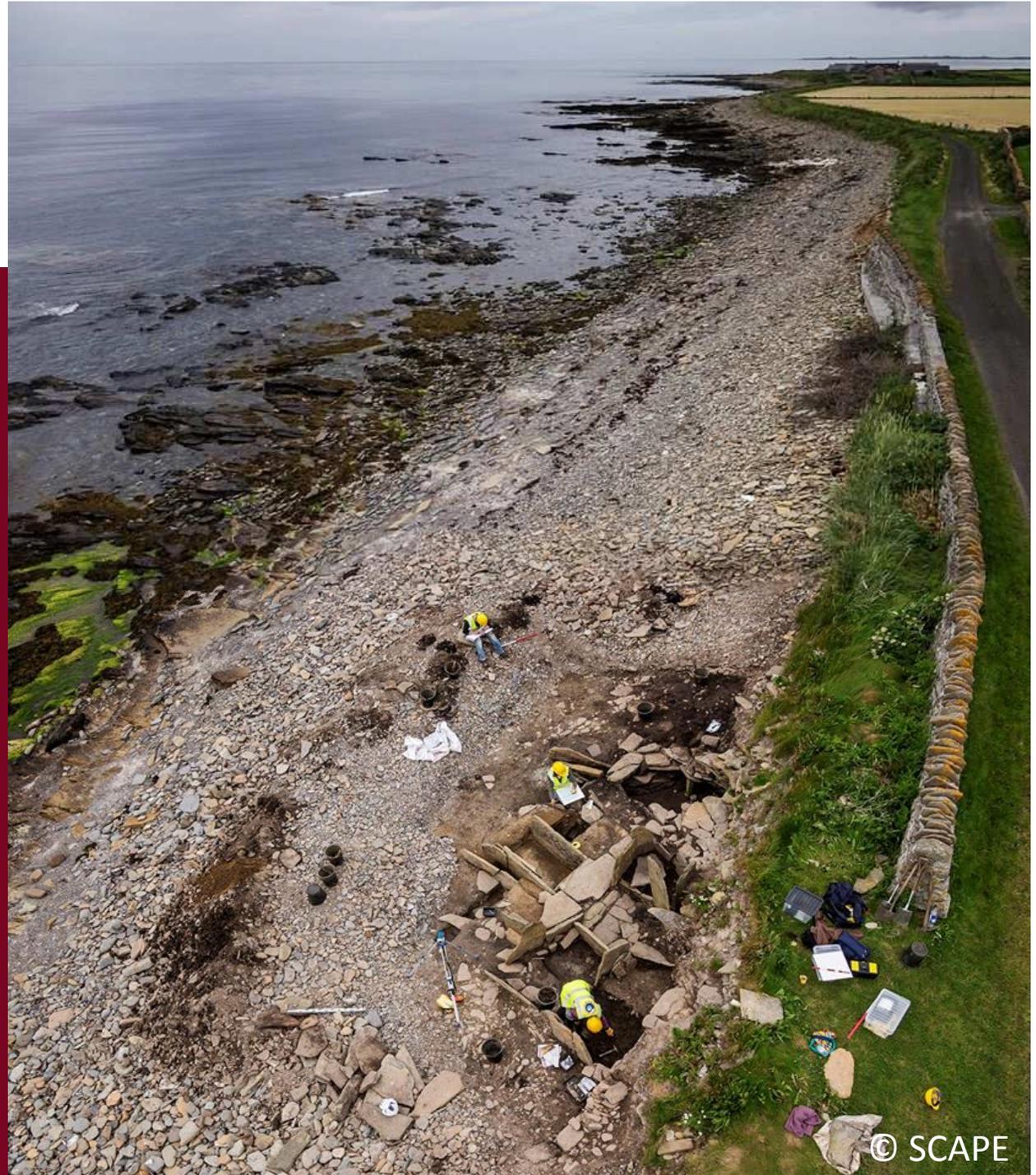


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Large concrete buttresses have been constructed to stabilise the rock where the cliff has been undermined by wave action

## Relocation

3000 year old  
Meur burnt  
mound in  
Sanday, at risk of  
total destruction  
by coastal  
erosion.





Thank you for your attention!

Dr Mairi Davies, Climate Change Manager:  
[mairi.davies@scotland.gsi.gov.uk](mailto:mairi.davies@scotland.gsi.gov.uk)

Dr Ewan Hyslop, Head of Sustainability, Research and Technical  
Education:  
[ewan.hyslop@scotland.gsi.gov.uk](mailto:ewan.hyslop@scotland.gsi.gov.uk)

HS Climate Change Team mailbox:  
[hs.climatechange@scotland.gsi.gov.uk](mailto:hs.climatechange@scotland.gsi.gov.uk)

Climate Change blog at:  
<http://climatechangeblog.historic-scotland.gov.uk>

Online Technical Resources at:  
<http://conservation.historic-scotland.gov.uk/>