

ANNEX A

Extract from briefing for Ministers on climate change and sea level rise, 5 November 2013

Ports

In its 2011 Report *How well is Scotland preparing for climate change?* the Adaptation Sub-Committee (ASC) of the UK Committee on Climate Change noted that “there are 110 ports in Scotland, nine of which are defined as major. Several dozen ports currently provide vital ‘lifeline’ ferry services in the Highlands and Islands, while ports and related infrastructure will be of increasing importance as the supply chain for offshore renewable energy develops. Increases in the frequency and magnitude of storms, flooding and higher rates of coastal erosion could have significant economic impacts on port cities. A recent study estimated that currently Glasgow has \$2.6 billion (£1.6 billion) worth of assets exposed to sea level rise, storm surges and wind damage, which could increase to \$6.9 billion (£4.3 billion) by the 2070s¹”.

Major ports are encouraged to take account of sea level rise when considering their future developments and investment plans and there is flexibility in existing quay walls.

E-mail from Clyde Marine Planning Partnership, 21 September 2017

Dear All,

I am pleased to announce that the above report has now been published and is available on the SNH website at: <http://www.snh.gov.uk/publications-data-and-research/publications/search-the-catalogue/publication-detail/?id=2480>. We will add the link to the CMPP website shortly.

An embargoed press release went out to planning authorities, SEPA and other partners yesterday. Articles may begin appearing in the media from today.

Any questions, then please let us know.

Best regards,
[REDACTED]

[REDACTED]

Clyde Marine Planning Partnership (CMPP) Project Manager

Scottish Government internal e-mail, 21 September 2017

A couple of lines for you:

The Firth of Clyde Forum (predecessor to the CMPP) was involved in the project on sea level rise and storm surges.

The Clyde Marine Planning Partnership (CMPP) was formally established in February 2016 and delegated powers to prepare a regional marine plan in March 2017.

SNH is a member of the CMPP

¹ Nicholls, R. J. et al. (2008). *Ranking Port Cities with High Exposure and Vulnerability to Climate Extremes: Exposure Estimates*. OECD Environment Working Papers, No.1.

A Regional marine plan must include the setting of objectives relating to the mitigation of, and adaptation to, climate change.

This SNH report may help identify issues and inform the development of the regional marine plan for the Clyde.

E-mail from Scottish Government Climate Change Adaptation team to ClimateXChange June 2018

We were having a look at IPCC 5th Assessment Report as a starting point, but there was also an EU report on sea level rise about six months or more ago which highlight long term risks around the NE of Scotland, also there was a study on sea level in Glasgow area last year. We also found this UK evidence review from December below which seemed to have much of the latest thinking.. We are just looking to make sure we have all the latest info on this as the forecasts do vary and its such a crucial issue for Scotland. Many thanks
[REDACTED]