



Marine Climate Change Impacts Partnership

Dear MCCIP news subscriber,

MCCIP website has recently been updated with new marine climate change news and events. Below is a brief summary of the new items that have been added. For more details on all of the items listed below, simply go to www.mccip.org.uk and go to the relevant links in the 'news and events' box on our homepage. Please note that the material presented in MCCIP news does not necessarily reflect the views of MCCIP.

- [Projected impacts of climate change on marine fish and fisheries](#)

This paper reviews current literature on the projected effects of climate change on marine fish and shellfish, their fisheries, and fishery-dependent communities throughout the northern hemisphere.

- [Sea level set to continue to rise](#)

A new study suggests that we can expect a global sea level rise of 2.3 m per 1°C of warming within the next 2000 years: well within societal timeframes. A 2°C of warming would result in a global sea level rise of 4.8 m within 2000 years. This would inundate many coastal cities in Europe alone, and cause untold economic and societal damage. ([Levermann, A., et al., 2013, PNAS, doi: 10.1073/pnas.1219414110](#))

- [Recent pause in warming](#)

Global mean surface temperatures rose rapidly from the 1970s, but have been relatively flat over the most recent 15 years to 2013. This has prompted speculation that human induced global warming is no longer happening, or at least will be much smaller than predicted. Others maintain that this is a temporary pause and that temperatures will again rise at rates seen previously.

- [Climate change puts marine economy at risk](#)

Accelerating climate change is increasing the difficulty of maritime activities at the same time it heightens the risk of natural hazards, according to a joint statement issued by the AGU, a scientific organisation representing 65,000 members worldwide.

- [UK adaptation programme published](#)

The UK National Adaptation Programme set out what Government, business and society are doing to become more “climate ready”. The programme contains a mix of policies and actions to help adaptation across all sectors.

- [Scotland's Adaptation Conference “Our Dynamic Earth”, 9th September 2013, Edinburgh](#)

Through a combination of key note speakers, interactive parallel sessions, case studies and panel discussions the conference will be a forum to raise awareness of the broad range of adaptation initiatives underway in Scotland and elsewhere; engage a wide range of stakeholders on adaptation policy developments and the draft Scottish Climate Change Adaptation Programme; and network across sectors to develop new ideas, projects and partnerships, and inspire action.

News stories: If there are any relevant news items or events that you would like to highlight on the MCCIP website please contact Georgia Bayliss-Brown at office@mccip.org.uk. New items will be added to the website next month.

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