

Dear MCCIP news subscriber,

The MCCIP team will now be providing more regular updates on our website to help keep you informed about key marine climate change news and events in the UK, along with any new developments from MCCIP.

The MCCIP E-news alert will provide you with a regular monthly update on new information that has been added to the website. Below is a brief summary of new items added to the MCCIP website in September 2009.

The MCCIP website also supports our annual report cards www.mccip.org.uk/arc and our recent ecosystem linkages report card www.mccip.org.uk/elr, which provide up to date 'at-a-glance' assessments of marine climate change impacts on a huge range of topics, backed up by fully peer-reviewed reports for each topic.

News

1. Managing the twin risks of flooding and erosion in coastal areas

Coastal areas are naturally at risk from erosion and flooding, but this risk is increased by the effects of climate change. A recent study has examined choices for regulators and coastline managers and suggests that successful management in high risk areas needs a fully integrated approach involving all stakeholders. The study expressed risk in terms of expected annual damage, which allowed the impacts of cliff erosion to be directly compared with flood impacts.

<http://www.mccip.org.uk/news/Managing-the-twin-risks-from-flooding-and-erosion-in-coastal-areas.pdf>

2. AVOID 'programme' on dangerous climate change

The AVOID programme is examining the amount of climate change and its impacts that can be avoided by mitigation, along with the remaining climate impacts that will need to be adapted to. The first phase of the project is producing new scenarios of the impacts of sea level rise and ocean acidification for a world consistent with the G8's target maximum warming of 2 deg C, and will report before the Copenhagen climate conference. Later in the project information focusing on port cities and the cost of adapting their defences will be produced, along with annually updated statements of our understanding of dangerous climate change.

http://www.mccip.org.uk/news/AVOID_flyer_230909.pdf

3. ICES report on ocean climate 2008 published

The latest annual ICES report on ocean climate was published in September 2009. The main focus of the annual *ICES Report on Ocean Climate* is the observed variability in the upper ocean (the upper 1000 m), and data presented represents an accumulation of knowledge collected by many individuals and institutions through decades of observations.

<http://www.ices.dk/pubs/crr/crr298/CRR%20298-low%20res.pdf>

4. NSIDC news - Arctic sea ice reaches annual minimum extent

Arctic sea ice appears to have reached its minimum extent for the year, the third-lowest extent since the start of satellite measurements in 1979. While this year's minimum extent is above the record and near-record minimums of the last two years, it further reinforces the strong negative trend in summertime ice extent observed over the past thirty years.

http://nsidc.org/news/press/20090917_minimum.html

5. UNEP climate change science compendium 2009 published

The Climate Change Science Compendium is a review of some 400 major scientific contributions to our understanding of Earth Systems and climate that have been released through peer-reviewed literature or from research institutions over the last three years, since the close of research for consideration by the IPCC Fourth Assessment Report. Focusing on work that brings new insights to aspects of Earth System Science at various scales, it discusses findings from the International Polar Year and from new technologies that enhance our abilities to see the Earth's Systems in new ways. Evidence of unexpected rates of change in Arctic sea ice extent, ocean acidification, and species loss emphasizes the urgency needed to develop management strategies for addressing climate change.

<http://www.unep.org/compendium2009/>

Events

6. UPDATE – BOOKING NOW OPEN “A Changing Climate for Maritime Biodiversity: linking science to practice” - Met Office, Exeter, 5th November 2009

The South West Climate Change Impacts Partnership (SWCCIP), Natural England, the Marine Biological Association and Biodiversity SW are holding a conference to support action to help marine, coastal and estuarine biodiversity adapt to the impacts of this changing climate in the South West, by bringing together scientific evidence and examples of good adaptation practice. MCCIP will be speaking at this event.

<http://www.mccip.org.uk/news/news20090827.htm>

7. Littoral 2010 “Adapting to climate change at the coast: Leadership, Innovation and Investment” - Royal Society, London, 21st-23rd September 2010

This conference has just been announced and the key themes will be ‘global change and managing environmental risk’; ‘developing the marine and coastal economy’ and ‘tackling inequality in coastal communities’. The aim of the conference is to develop a holistic view of the priorities for integrated management across the social, political, economic and environmental divides that uniquely characterise the coast.

<http://www.coastnet.org.uk/Littoral2010>

If there are any relevant events that you would like to highlight on the MCCIP website please contact Paul Buckley at office@mccip.org.uk

New items will be added to the website at the end of October, but you will still be able to access previous MCCIP E-news items through the news and events archive page.

To unsubscribe please email office@mccip.org.uk stating ‘unsubscribe’ in the subject title. If you have any feedback on this newsletter (either style or content) please email the same address stating ‘e-news feedback’ in the subject title.

Kind regards

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