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Circumpolar Climate Events Map – Click [here](#) for this month's map or visit our [archive](#).

LEO Network Map – Click [here](#) for this month's map or visit our [archive](#).

Breeding birds vulnerable to climate change in Alaska, April 2, 2013. A report from the Wildlife Conservation Society looked at the vulnerability of 54 breeding bird species to climate change impacts. The assessment found that the gyrfalcon and common eider are likely to be "highly" vulnerable, while seven other species would be "moderately" vulnerable to anticipated impacts, and five species would likely benefit. Vulnerable species generally have a strong orientation to the coastline. [ScienceDaily](#)

Sea ice loss causing ecosystem changes February 16, 2013. In the summer of 2012, scientist on the research vessel Polarstern had to travel 400 kilometres (250 miles) further north to find ice. "There was not even an ice cube for us," said Antje Boetius. Their mission - check anecdotal reports that an algae called *Melosira arctica* that grows under the ice was disappearing. [CBC](#)

Scientists discuss Arctic's New Normal, March 29, 2013. Using words like "stunning" and "unprecedented," scientists from across North America gathered in Anchorage to discuss one of the fastest changing ecosystems in the world - the Arctic. "What happens in the Arctic doesn't stay in the Arctic," said NOAA's Sue Moore, noting that although economic centers are being impacted, policy to respond has yet to be created. Moore recommended that scientists be bolder in their statements and more personal in public conversations about climate change. [Arctic Sounder](#)

Americans back preparation for extreme weather and sea level rise March 28, 2013. Unprepared for Hurricane Sandy's flooding and high winds, the East Coast suffered more than \$70 billion in property damage and more than 100 deaths. Now a new survey finds that an overwhelming majority of Americans want to prepare in order to minimize the damage likely to be caused by global warming. [ScienceDaily](#)

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Regards – Mike

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