

Local Environmental Observer (LEO) Network – Please see our [August](#) map for new posts about grasshoppers in Teller (and St. Mary's) and a huge jelly fish event in Sand Point. See our [September](#) map for posts about caterpillars in Juneau and Wasilla. Visit our map [archive](#) and follow us on [Facebook](#).

Climate Events in the Circumpolar North - View our [October Map](#) for news reports from across the circumpolar north. Unusual sea ice conditions continue in Canadian Arctic; extreme rains and flooding in Sweden, troubles with polar bears in Alaska. See our map archive [here](#).

Climate change forcing fish stocks north October 11, 2014. A study has produced evidence that climate change is forcing hundreds of valuable fish species toward the poles. The paper, published in the ICES Journal of Marine Science, concludes that Canadian and Arctic waters may end up with more species and greater abundance. Fish are slowly moving toward the South and North poles at a rate of between 15 and 26 kilometers a decade. The effect is more pronounced in the Arctic, where warming is happening the quickest. [The Canadian Press](#)

Deadly by the dozen. Twelve diseases climate change may worsen October 8, 2008. *David Biello* – Bird flu, cholera, Ebola, plague and tuberculosis are just a few of the diseases likely to spread and get worse as a result of climate change. "We will see a shift in the geographic distribution of diseases," says veterinarian William Karesh. "We are calling for increased attention and action in developing global monitoring networks to look at a wide variety of infectious diseases in a wide variety of wildlife since they are such sensitive indicators of the health of the systems in which they live." [Scientific American](#)

Paralytic shellfish poisoning could be underreported cause of death for marine birds. October 11, 2014. *Megan Edge* - Humans are not the only species vulnerable to the deadly effects of PSP. In a recently published study by the U.S. Geological Survey, the disease has been named as the cause of death for multiple Kittlitz's murrelet chicks on Kodiak Island. "The impact of PSP in marine bird populations may be more severe than previously recognized," the study says. [Alaska Dispatch News](#)

Summer heat, invasive insects take toll on Interior Alaska birch trees. October 11, 2014. *Yereth Rosen* - Interior Alaska's hot and dry summer of 2013, coupled with an invasion of insect pests that proliferated in number this year, has taken a steep toll on the region's birch trees, experts say. Had it not been for the heavy rains that swept in during the second half of this summer, a large number of the trees might have been doomed. [Alaska Dispatch News](#)

New cookbook collects traditional Aleut recipes October 9, 2014. *Mike Dunham* - Qaqamiigux: Traditional Foods and Recipes from the Aleutian and Pribilof Islands, combines recipes with hard scientific data, interviews with elders, historical and contemporary photos and information about how to harvest and preserve food. Says author Sue Unger, "There's a lot of focus on contaminants in traditional foods. But I started to feel that it was more urgent to focus on nutritional benefits. What are people really getting sick from? Not contaminants, but diet-related illnesses." [Alaska Dispatch News](#)

Video of the week –Morgan Freeman on climate change and choices September 23, 2014. Morgan Freeman narrates this hopeful, 3 minutes film entitled *What's Possible*, from the recent U.N. Climate Summit. The film is about solving climate change and achieving the promise of better future. [YouTube](#)

The Climate and Health E-News is read by people who are interested in climate change and public health in the circumpolar north. For back issues at the Alaska Medical Library, click [here](#). To subscribe or unsubscribe, click [here](#).

Michael Brubaker, Director
[Center for Climate and Health](#)
Alaska Native Tribal Health Consortium
907-729-2464

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