

Local Environmental Observer (LEO) Network – View our May map for new observations from LEO Network members. Nikolski observes spawning event of marine worms. [ANTHC](#) Visit our map [archive](#) and follow us on [Facebook](#).

Climate Events in the Circumpolar North - View our May map to see news reports from across the circumpolar north. Gentle break up is good news for Galena Alaska. Wet spring in Calgary results in black knot outbreak in trees. [ANTHC](#) See our map archive [here](#).

Global glaciers mapped for sea level answers May 6, 2014. Glaciologists have now mapped virtually all of the world's glaciers, covering roughly 280,000 square miles an area slightly larger than Texas. The collective volume of sea rise held by the glaciers is 14 to 18 inches, compared with over 200 feet of volume stored in the Greenland and Antarctic ice sheets. According to Tad Pfeffer of UC Boulder, "in the first several decades of the present century it is going to be this glacier reservoir that will be the primary contributor to sea rise." [Science Daily](#)

Scientists race to develop farm animals to survive climate change May 3, 2014. *Evan Halper* - When a team of researchers from the University of Delaware traveled to Africa two years ago to search for exemplary chickens, they weren't looking for plump thighs or delicious eggs. They were seeking out birds that could survive a hotter planet. The researchers were in the vanguard of food scientists, backed by millions of dollars from the federal government, racing to develop new breeds of farm animals that can stand up to global warming. [Los Angeles Times](#)

Focusing on local food and community sharing programs can help stave off hunger in Canada's Nunavut May 7, 2014. *Hector Martin* – The Nunavut Food Security Program, which was released on Monday, calls for people living in Canada's northernmost territory to consume more traditional foods, such as whale meat. It also recommended that fish such as turbot, currently fished for export, could help to alleviate the region's food security problems. Two years in the making, the strategy's goal, says the Nunavut Food Security Coalition, is to ensure that all of the territory's residents have adequate access to "safe, culturally preferable, affordable, nutritious food". [Arctic Journal](#)

Sitka explores food security April 29, 2014. *Robert Woolsey* - The reliability of the food supply is not something most communities devote much thought to. Agriculture, transportation, and grocery stores all work pretty well – even in relatively isolated parts of Alaska like Sitka. And depending on where you live, there can be abundant wild foods. But a recent report called "The Sitka Community Food Assessment" reveals that our food system is vulnerable – especially to the unpredictable costs of fuel. [KCAW](#)

Video of the Week – Grow boxes for Arctic farming February 7, 2014 – Arviat is an Inuit community located on the western shore of Hudson Bay in Nunavut, Canada. The word *Arviat* is derived from the Inuktitut word arviq meaning "Bowhead Whale". With funding from Health Canada and its Climate Change and Health Adaptation Program, Arviat youth have been participating in local food production and food security research. [YouTube](#)

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](#).

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