Alaska Center for Climate and Health - E-News Raising Awareness about Climate Change Impacts on Public Health No. 61, March 31, 2011

Forest could replace much of tundra by 2100 March 13, 2011 - A new study in the journal Climate Dynamics, projects vast swaths of Alaska's tundra yielding to trees and shrubs during coming decades. The findings predict a dramatic reorganization of the ecology and plant cover throughout the Arctic. Alaska Dispatch

<u>Warming brings unwelcome change to Alaska villages</u> *March 27, 2011* - In Inupiat villages along the Chukchi coast, climate change is causing a wide range of health concerns. Warming is rotting the sea ice that villagers use to hunt marine mammals, thawing ice cellars used to store food, disrupting utilities and interrupting the rhythms of life that have sustained communities for centuries. <u>Associated Press</u>

New research center to study Canadians most affected by unhealthy environments *March 25, 2011* - A new research center has been launched to investigate and respond to the concerns of those most impacted by environmental health problems in Canada. The Centre for Environmental Health Equity will help to address health concerns of Canadians who bear the brunt of unhealthy environments. Field Notes

**Salmon-rich diet prevents diabetes, heart disease** *March 29, 2011* - A diet of Alaska salmon rich in Omega-3 fatty acids appears to protect Yup'ik people from diabetes and heart disease, even when the individuals in question have become obese, according to a recent study that examined eating habits and health in the Yukon Kuskokwim Delta region. <u>Alaska Dispatch</u>

**Moderate to severe flooding forecast for interior rivers** *March 29, 2011* – The spring edition of the Alaska Climate Dispatch provides a forecast for the upcoming river ice and flood season, as well as a sea ice observation update, Alaska winter weather summary, and spring weather forecast. <u>Alaska Climate Dispatch</u>

Alaska Climate Events Map – Visit our Google Map to see incidents and events that have occurred around Alaska this month, with relevance for climate and health, including: spring snow mishaps, coastal and interior drought, water shortages, and the end to a very cold winter.

The *Climate and Health E-News* is received around the circumpolar north by people who are interested in climate impact on health. For back issues or to join the mailing list visit our <u>website</u> or contact us via e-mail or by phone.

Regards - Mike

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