



CLIMAtlantic
Enhancing Atlantic Climate Resilience

NEWSLETTER

FEBRUARY 2024



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FROM ACROSS ATLANTIC CANADA & BEYOND

Expressions of Interest

Expert peer reviewers, Green Municipal Fund – The [Green Municipal Fund](#), a program of the [Federation of Canadian Municipalities](#), is looking for expert peer reviewers to evaluate funding applications, including those to do with climate change adaptation. [Learn more and apply before Feb. 4 here.](#)

Flood Hazard Data, Government of Canada – The Government of Canada has opened a request for proposals for the procurement of Canada-wide flood hazard data to inform flood hazards estimates and risk assessments across the country. [Learn more and submit a proposal before 3pm AST on Feb. 15 here.](#)

Silavut Asianguvalliaguk - Our Weather is Changing, Nunatsiavut Government - The Nunatsiavut Government is looking for Nunatsiavut beneficiaries to participate in a climate change workshop in Nain on March 18-22. For more information, see the flyer below or contact Chaim Andersen at chaim.andersen@nunatsiavut.com. Apply by Feb. 9 [here](#).



Learning & Training

Green Shores Training, TransCoastal Adaptations Centre for Nature-Based Solutions - [TransCoastal Adaptations](#) is hosting Green Shores Level 1 and 2 Training in February. Level 1 takes place at Saint Mary's University on Feb. 28. If you have already taken Level 1 and want to go more in depth with your training Level 2 is being offered Feb 1 and 2. [Learn more and sign up for a course here](#).

Strategic Dialogue and Engagement for Climate Adaptation, Simon Fraser University - Registration is open for Strategic Dialogue and Engagement for Climate Adaptation a course hosted by [Simon Fraser University](#). This self-paced course starts on March 6 and is designed for professionals looking to advance the intersecting work of climate action and adaptation. [Learn more and register for the course here](#).

Funding

Research and Knowledge Initiative, Infrastructure Canada - [Infrastructure Canada](#) is accepting proposals for the Research and Knowledge Initiative. [For more about this fund and to apply before 3:59 pm \(AST\) February 9, 2024, click here](#).

Flood Hazard Identification and Mapping Program, Natural Resources Canada - [Natural Resources Canada](#) is accepting proposals for the Indigenous Traditional Knowledge Stream of the Flood Hazard Identification and Mapping Program. [For more information and to apply before 4 pm \(AST\) February 28, 2024, click here](#).

Several new funding opportunities in climate adaptation were recently added to our website. To read more about them, and others, [visit our Funding Opportunities webpage](#).

Surveys

Opinions on climate change and adaptation - Researchers at [Memorial University of Newfoundland](#) are looking for the opinions of municipal planners in Atlantic Canada on climate change adaptation, and potential actions, benefits, and barriers. [Click here to complete the survey](#).

Measuring the Psychological Toll of Hurricane Fiona: A Case Study for Islanders on Prince Edward Island - Researchers at the [University of PEI](#) are seeking participants in a study on the mental health impacts of Hurricane Fiona on PEI. [If you are a resident of PEI, you can participate by filling out this 5-minute survey](#).

Upcoming Events

Feb. 6, 2024 (online) - Webinar on Climate Change in Flood Hazard Mapping, [Canadian Water Resources Association](#). Learn about ECCC's guidance to engineers on incorporating climate change impacts into flood hazard studies. [Learn more and register here.](#)

Feb. 7-8, 2024 - 2024 (online) - Annual Network Meeting, [Atlantic Water Network](#). Join the AWN for two days of education, collaboration, and networking, with the theme of building resilience in your communities and watersheds. [Learn more about the event here.](#)

Feb. 12, 2024 (hybrid) - Annual Atlantic Air Quality and Health Workshop, [NB Lung](#). This workshop is an opportunity to learn about air quality, including health risks of poor air quality, connections to climate change, and more. [Learn more, and register for free, here.](#)

Feb. 24, 2024 (in-person) - Climate Impacts and Action: How Youth can Advocate for their future, [NBEN](#). This free conference, hosted by the NBEN's [Youth Environmental Action Network \(YEAN\)](#), is designed to help youth learn about local climate change issues and how to advocate in their communities. [Learn more and register here.](#)

Feb. 29, 2024 (hybrid) - Nova Scotia Climate Smart Farming Forum, [Perennia](#). This all-day event will explore climate change projections for Nova Scotia and what they mean for the province's farmers, as well as topics like climate change adaptation within farming. Alex Cadel, CLIMAtlantic's Climate Services Specialist-Nova Scotia, will be presenting. [Learn more and register here.](#)

Feb. 29, 2024 (online) - Uncertain Action, Uncertain Impacts: Selecting Climate Change Scenarios for Adaptation Planning, [Coast and Ocean Risk Communication Community of Practice](#). This panel event will examine some of the concerns and perspectives around the selection of climate scenarios for adaptation planning. [Learn more and register here.](#)

New Brunswick Environmental Network training sessions: Conducting cost-benefit analyses for nature-based solutions. Learn how to apply [NBEN](#)'s new cost-benefit analysis tool for your community at any of the following events:

- Feb. 8, 2024, 1pm - [Moncton, NB](#)
- Feb. 15, 2024, 2pm - [Online training, in French](#)
- Feb. 20, 2024, 1pm - [Online training, in English](#)

DATA HIGHLIGHT

An ensemble of bias-adjusted CMIP6 climate simulations based on a high-resolution North American reanalysis, *Ouranos*

Researchers at [Ouranos](#) released a [new statistically downscaled and bias-adjusted dataset based on CMIP6 models](#). The dataset comprises daily temperature and precipitation and covers North America, with climate simulations from 1950 to 2100. The reference dataset used for downscaling is the Regional Deterministic Reforecast System, a reanalysis product as opposed to only observations, which can be beneficial for areas with limited weather station coverage.

EXPLORE THE DATASET

NOTEWORTHY TOOLS & RESOURCES

The Global Risks Report, 19th edition, *World Economic Forum*

The [World Economic Forum](#) released its [19th edition of “The Global Risks Report”](#) recently. The report examines risks such as increased threats towards the integrity of both truth and security, and what they mean for climate change adaptation.

READ THE INSIGHT REPORT

Extreme Cold Subject Guide, *National Collaborating Centre for Environmental Health*

The [National Collaborating Centre for Environmental Health](#) recently updated their [extreme cold subject guide](#). The subject guide includes resources on the management of extreme cold events, which are more likely to occur as the arctic warms, as well as health and safety precautions. These resources can help environmental public health professionals, and others, adapt to these extreme cold events.

ACCESS THE SUBJECT GUIDE

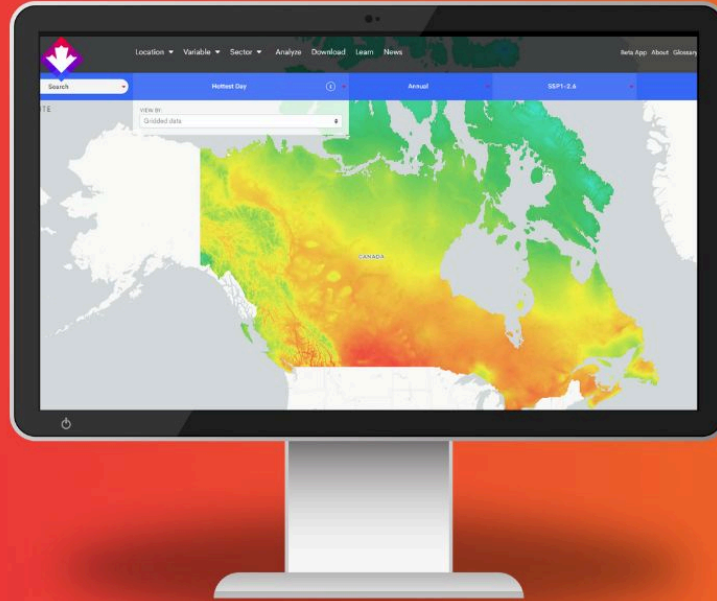
Health Portal, *ClimateData.ca*

Discover how [ClimateData.ca](#)'s tools, like the [Hottest Day index](#) and [Spatial Analogues](#), provide crucial insights for health professionals addressing climate-induced health risks.

These tools make a difference for health preparedness, and the [Canadian Centre for Climate Services](#) is here to help you get started! Read about their latest resources on this topic and browse their menu of climate data supports tailored for the health sector: [Get Climate Smart: Protecting Health and Wellbeing — Climate Data Canada](#).

Visualize a warming world

Climate data for the health sector



ACCESS THE HEALTH PORTAL

WHAT'S NEW FROM CLIMATLANTIC

WHAT WE'VE BEEN UP TO

On January 24, Willa Nielsen, our Climate Services Specialist - Labrador, and Sepehr Kohsravi, our Climate Services Specialist - Newfoundland, attended the event “[A Data Story: A Discussion with Statistics Canada](#)”, at [Memorial University of Newfoundland](#). As part of the event, Willa participated in a panel for the presentation “Can data save lives in response to climate change and natural disasters?”



WHAT'S NEW ON OUR BLOG

In the [February edition of *Mi'kmaw Moons*](#), Alex Cadel, our Provincial Specialist-Nova Scotia, examines the connection between the Apuknajit (ah-boo-gah-na-jit), the snow blinding moon, and the annual number of days with snow, which are decreasing.



New Mi'kmaw Moons blog post! **Apuknajit, the snow blinding moon**

READ THE FEBRUARY EDITION OF MI'KMAW MOONS

WHAT WE'RE LISTENING TO

“Canada’s dry: ‘We’re in a new game here’”, *The Big Story*

Across large areas of Canada, this winter’s dry weather and reduced snowpack is a growing concern. John Pomeroy, a hydrologist and professor at the [University of Saskatchewan](#), joins the podcast [The Big Story](#) to discuss these dry conditions, what they could mean for the upcoming summer, and adaptation actions to consider, such as choosing drought-tolerant crop varieties, storing water to supplement streamflows, and ensuring the equitable sharing of water.

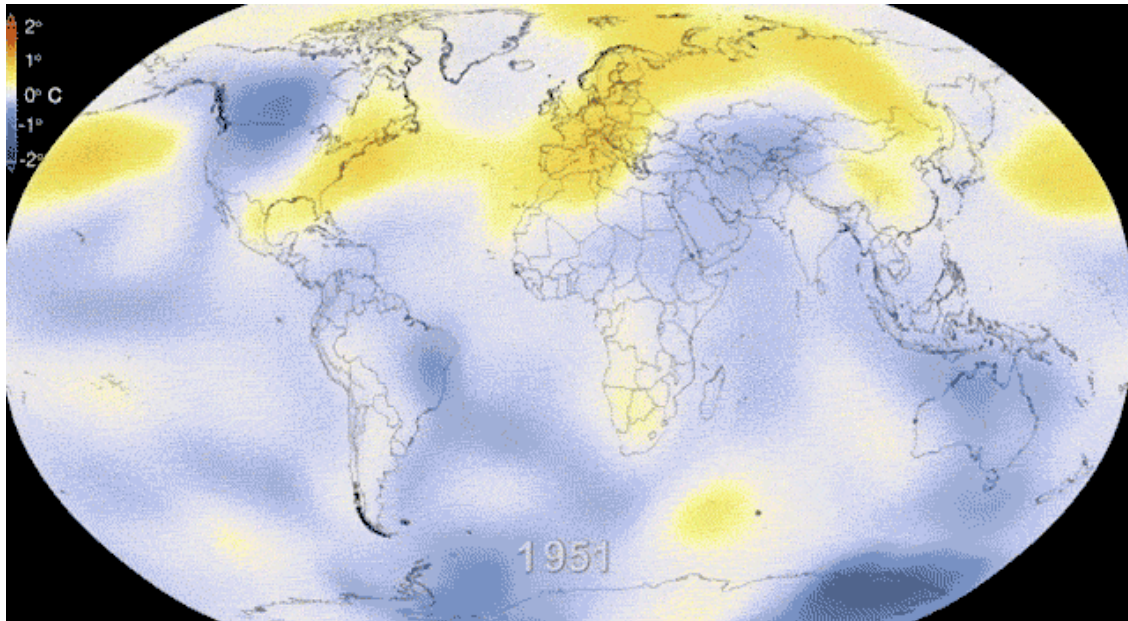
LISTEN TO THE PODCAST EPISODE



CLIMAtlantic's Help Desk

Looking for help accessing or interpreting climate data? Need help to figure out your adaptation options? Not sure where to find projections, or need guidance on how to use them? CLIMAtlantic is here to help!

[Email us](#) or give us a call at **1-506-710-2226**



Kindest Regards,

- The CLIMAtlantic Team



The Government of Canada launched the Canadian Centre for Climate Services (CCCS) in October 2018, and as part of the program's mandate, began supporting the establishment of regional hubs to build capacity across the country and provide access to localised information and support needed to make communities and the economy more resilient to the impacts of climate change.

This project was undertaken with the financial support of:
Ce projet a été réalisé avec l'appui financier de :



Environment and
Climate Change Canada

Environnement et
Changement climatique Canada

CLIMAtlantic was created in partnership with all Atlantic Canada's Provincial governments, and the support from the Ecology Action Centre, New Brunswick Environmental Network (NBEN), and Aster Group Environmental Services Co-op.



NEW BRUNSWICK
ENVIRONMENTAL NETWORK
RÉSEAU ENVIRONNEMENTAL
DU NOUVEAU-BRUNSWICK



CLIMAtlantic.ca

Enhancing Atlantic Climate Resilience

CLIMAtlantic works throughout Atlantic Canada, all of which is part of the unceded and traditional territories of the Mi'kmaw, Wəlastəkwiyik, Peskotomuhkati, Innu, and Inuit Peoples.

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