CLIMAtlantic
Enhancing Atlantic Climate Resilience

NEWSLETTER
JANUARY 2024

This month's newsletter contains:

- From across Atlantic Canada & beyond
  - Learning & training
  - Funding
  - Surveys
  - Upcoming events
- Noteworthy tools & resources
- Data highlight
- What we've been up to
- What's new on our blog
- What we're reading

FROM ACROSS ATLANTIC CANADA & BEYOND

Learning & Training

Climate Futures Lab: Call for Halifax Youth, Youth Challenge International - Youth Challenge International is looking for youth based in Halifax, NS – and who are interested in designing a climate action project with a local team, communities, experts and policy makers – to join its Climate Futures Lab program. Learn more and apply.

Free Training Sessions: Conducting cost-benefit analyses for nature-based solutions, NBEN - The New Brunswick Environmental Network (NBEN) is launching their nature-based solutions cost-benefit analysis tool and will be hosting hands-on training workshops, to learn how to apply the tool in your community, throughout New Brunswick. Learn more, and scroll down to "Upcoming Events" for workshop dates.

Funding

New Streams Flood Hazard Identification and Mapping Program, Natural Resources Canada - Natural Resources Canada opened two new funding streams within its Flood Hazard Identification and Mapping Program – one for regional modelling and another for Indigenous Traditional Knowledge.

For more about the **Regional Modelling Stream** and to apply by **4pm AST January 24, 2024**, click here.

For more about the **Indigenous Traditional Knowledge Stream** and to apply by **4pm February 28, 2024**, click here.

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.

Canada in a Changing Climate Survey - Natural Resources Canada is seeking feedback on how you use information about climate change impacts and adaptation and what topics and formats are of interest to you. The survey is open until January 15, 2024 and is available here.

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

Jan. 10, 2024 (in-person) - Public Presentation: Assessing coastal flood and erosion risks in relation to climate change and future sea-level rise. This presentation will assess the coastal and flood erosion risks of certain New Brunswick communities. Learn more about the event, which will be delivered in French with English interpretation available at Hotel Shediac, in **Shediac, NB**, here.

Jan. 18, 2024 (in-person) - Fredericton Training Session: Conducting cost-benefit analyses for nature-based solutions. Learn how to apply NBEN's new cost-benefit analysis tool for your community at 1pm (AST) at 241 Gathering Space, **Fredericton, NB**. Learn more.

Jan. 25, 2024 (in-person) - Tantramar Training Session: Conducting cost-benefit analyses for nature-based solutions. Learn how to apply NBEN's new cost-benefit analysis tool for your community at 10am (AST) at Sackville Town Hall, **Sackville, NB**. Learn more.

Jan. 25, 2024 (online) - Thinking the unthinkable: Preparing for climate change at the coast. Join Dr. Glen Smith for a presentation and discussion on climate adaptation and planning on the English coast. Learn more and register here.

Jan. 30, 2024 (in-person) - Beaurivage Training Session: Conducting cost-benefit analyses for nature-based solutions. Learn how to apply NBEN's new cost-benefit analysis tool for your community at 1pm (AST) at Imperial Kent North Centre, **Richibucto, NB**. Learn more.

NOTEWORTHY TOOLS & RESOURCES

Canada in a Changing Climate: Synthesis Report, *Government of Canada*

A new synthesis report from Canada in a Changing Climate highlights recent advances in climate change adaptation and knowledge in Canada, exploring topics such as nature-based solutions, food security, and Indigenous-led climate solutions. The report reveals the impacts of climate change are clearly being seen, and that while there have been many successful adaptation actions, there is still work to be done.

READ THE REPORT

PEI State of the Coast Report & Interim Coastal Policy Recommendations Report, *Canadian Centre for Climate Change Adaptation*

The Canadian Centre for Climate Change Adaptation released two new reports about PEI's coast. The PEI State of the Coast Report provides an overview of coastal development patterns, habitat, and recent changes to PEI's coastal landscape. The PEI Interim Coastal Policy Recommendations Report recommends strategies for the province to adapt to coastal challenges such as erosion and flooding.

FIND THE REPORTS HERE

Wildfire-Ready: Practical Guidance to Strengthen the Resilience of Canadian Homes and Communities, *Intact Centre on Climate*

Adaptation

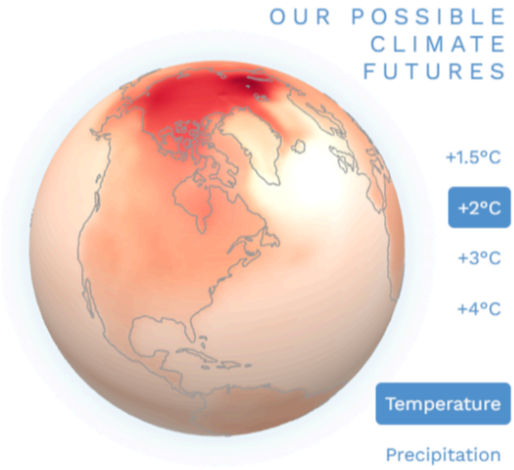
The Intact Centre recently released a report on wildfire preparation in Canada, along with two plain-language infographics on how to foster fire-ready homes and communities. The report and infographics provide easy access to practical information on how Canadians can adapt to wildfires, which are becoming increasingly prevalent due to climate change, and reduce their risk of damage.

FIND THE REPORT AND INFOGRAPHICS HERE

DATA HIGHLIGHT

IPCC Climate Atlas

The IPCC WGI Interactive Atlas tool allows for spatial and temporal analyses of observed and projected climate change information. The Atlas presents global datasets from CMIP6, and includes some future projection variables not typically found on Canadian scale data portals, such as sea surface temperature and other ocean variables. Projected data can be viewed in both a specified time period (e.g., to the end of the century), as well as by a level of global warming (e.g., global warming of 2°C).



EXPLORE HERE!

WHAT WE'VE BEEN UP TO

In mid-December we hosted a hybrid Newfoundland and Labrador (NL) adaptation workshop to learn about current work and goals and identify adaptation priorities and ways adaptation aligns with other resiliency work in the province.

WHAT'S NEW ON OUR BLOG

The January edition of our Mi'kmaw Moons blog series is now available, which explores the meaning of the Punamujuiku's, or tom cod, moon. This period is when the coldest day of the year often occurs, but due to climate change, this coldest temperature is becoming warmer and warmer. Learn more, and read previous months' entries, here!

READ OUR BLOG

2023 in Review

2023 was a big year for CLIMAtlantic! Want to find out what we did last year? Head over to our blog to read about our work during 2023, from **hosting events**, to fulfilling **service requests**, to developing **new tools**, and much more! Read our 2023 recap blog here.

2023 RECAP

WHAT WE'RE READING

The Hottest Year, *Reuters*

After a year of extreme weather across the world, climate scientists say 2023 will be the hottest year on record. "The Hottest Year" presents these record-breaking extremes through impactful graphics, helping to tell the story of how the Earth's rising temperatures are fueling extreme weather.

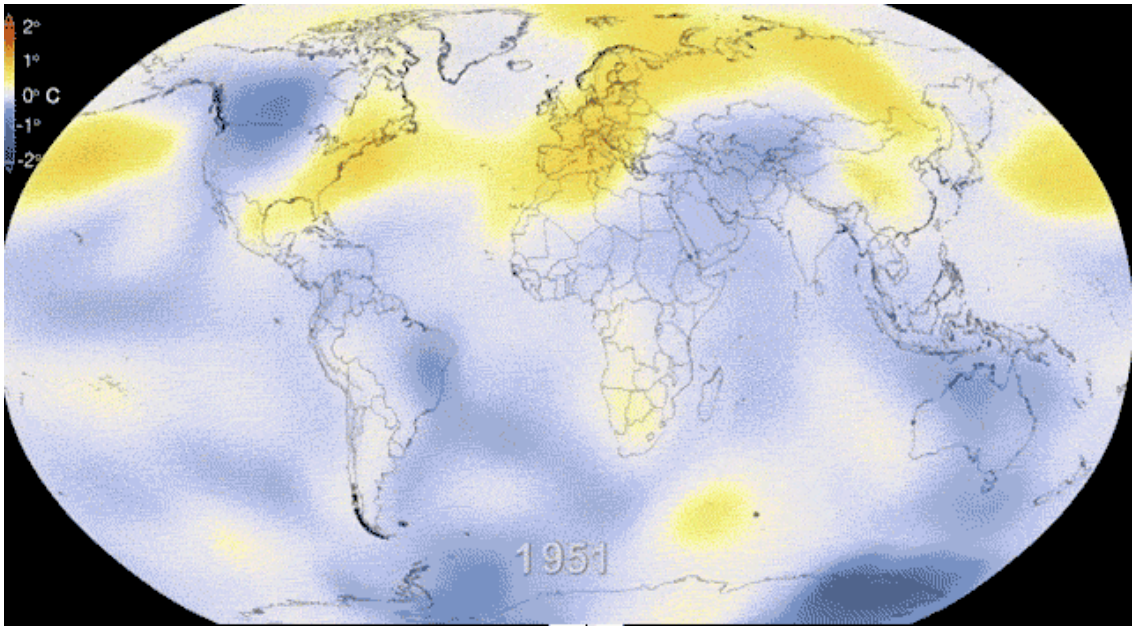
READ IT HERE

EXPLORE THE NETWORKING MAP

CLIMAtlantic's Help Desk

CLIMAtlantic's Help Desk is here to guide you through accessing and applying climate data and information in your work. Whether it's assistance with locating the most relevant data, understanding its implications, or guidance on the integration of climate data into decision-making, we are here as a free, public resource.

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.

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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