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CLIMAtlantic
Enhancing Atlantic Climate Resilience

NEWSLETTER
JULY 2024

This month's newsletter contains:

- **From Across Atlantic Canada & Beyond**
  - **News**: National Strategy on Environmental Racism and Environmental Justice Act
  - **Funding**: Intersectoral Action Fund, Local Leadership for Climate Action, community funds
  - **Upcoming Events:** Family Forest Network Workshops
- **Noteworthy Tools & Resources**: Nature-based Infrastructure for Coastal and Erosion Risk Management: A Canadian Design Guide
- **Data Highlight**: Record-breaking temperatures
- **What's New From CLIMAtlantic**: Upcoming Idea Exchange - Local Leadership for Climate Adaptation
- **CLIMAtlantic In The News**: Rising Risk, *CBC News*
- **What We've Been Up To**: Conference, presentations, AGM
- **What's New On Our Blog**: Mi'kmaw Moons July
- **What We're Reading**: Scientist Friederike Otto Links Climate Change to Disasters, *CBC News*
- **What We're Watching**: Gen Z Mental Health: Climate Stories

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FROM ACROSS ATLANTIC CANADA & BEYOND

News

National Strategy on Environmental Racism and Environmental Justice Act, Government of Canada

The Government of Canada recently passed the National Strategy on Environmental Racism and Environmental Justice Act. Under this act, the Government is required to work with

organizations, affected communities, and those with lived experiences to inform the development of a national environmental justice strategy. Learn more about what this means here.

Funding

Growing Canada's Community Canopies – The Green Municipal Fund (GMF), part of the Federation of Canadian Municipalities (FCM), is supporting communities in using trees as a nature-based approach to address rising temperatures, flooding and more. Application deadline: July 12, 2024. Learn more.

TD Friends of the Environment Fund – TD is supporting Canadian charities, educational institutions, municipalities, and Indigenous communities, in creating urban green spaces, tree planting, community gardens, and more. This fund creates an opportunity for applicants to support adaptation to climate change by taking action to reduce temperatures, mitigate flooding, and more. Application deadline: July 15, 2024. Learn more.

Intersectoral Action Fund, Public Health Agency of Canada (PHAC) - The Intersectoral Action Fund creates an opportunity to help communities stay healthy, prepared and thriving, even during unexpected events, including climate. Projects supported by this fund should focus on integrating health, equity and wellbeing considerations into local decision-making, and promoting positive change. Application deadline: July 25, 2024. Learn more.

Local Leadership for Climate Adaptation (LLCA), Green Municipal Fund – The LLCA, a Federation of Canadian Municipalities program, has two funding streams currently open:

- **Capacity development partner grants** – This fund provides support organizations and qualified local governments with partner training that builds local governments' skills and abilities to act on climate risks in an accessible and equitable way. Application deadline: August 7, 2024. Learn more.
- **Adaptation in Action** - This funding will support municipalities and Indigenous communities looking to implement their climate adaptation projects or to determine the feasibility of their project ideas. Application deadline: August 14, 2024. Learn more.

Upcoming Events

The **Family Forest Network** is **hosting** Climate Change Vulnerability & Adaptation Assessment Workshops for woodlot owners and forest professionals (July 16 – Bridgewater, NS; July 17 – Truro, NS; July 18 – Port Hawkesbury, NS). Learn more and register here.

NOTEWORTHY TOOLS & RESOURCES

Coastal Population and Dwellings by Elevation and Distance from Coastline Dataset

Statistics Canada updated their dataset on coastal population and dwellings by elevation and distance from coastline with new data from the 2021 census. This dataset could be used to

support a better understanding of marine and coastal areas, helping to inform land use planning and risk assessments. View the 2016 and 2021 datasets here.

Interactive Flood Mapping, Coastal Action

Coastal Action added Digby, NS, to their 3D Interactive Food Map Models. These models visualize the risk levels to infrastructure and roads networks. They are intended to help municipalities make informed decisions about coastal development and planning, and respond to risks such as storm surges and sea-level rise. Find the maps for Digby and other coastal communities in Nova Scotia here.

Nature-based Infrastructure for Coastal and Erosion Risk Management: A Canadian Design Guide, National Research Council of Canada

This resource from the National Research Council of Canada provides guidance on implementing and managing nature-based infrastructure specific to coastal flood and erosion risk management in Canada. Find the full guide here.

DATA HIGHLIGHT

Record-Breaking Temperatures: May 2024 and 12 Months Beyond

May 2024 had the highest average global surface temperature for the month of May on record, according to Copernicus Climate Change Service data. This record marks 12 consecutive months of setting new monthly average temperature records globally, and indicates human-induced warming is at an all-time high. Continuously high temperatures can increase the risk of extreme weather events, such as heatwaves and drought, requiring better preparedness across sectors.

VIEW THE DATA

WHAT'S NEW FROM CLIMATLANTIC

News

Idea Exchange - Local Leadership for Climate Adaptation (LLCA) - Capacity Partner Grants

Organizations interested in applying to the LLCA Capacity Development Partner Grants are invited to join us online Wed., July 10 from 2-4pm (ADT) for our Idea Exchange. This event will focus on pitching project proposals, networking with potential partners, and coordinating to avoid duplication. Click here to learn more, and here to register. Please

register by July 8 if you plan to lead an application discussion or by July 9 if you wish to attend as a collaborator.

REGISTER

Welcome to the Team!

Muntaka Siddique and Rebecca King are our new Climate Adaptation Interns! They will assist us with designing and implementing workshops, relationship building, and collaborating with partners and stakeholders.

LEARN MORE ABOUT THE CLIMATLANTIC TEAM

CLIMATLANTIC IN THE NEWS

Rising Risk, CBC News

Sabine Dietz, our Executive Director, was featured in a *CBC News* article which dived deep into the availability of New Brunswick flood mapping. The article discusses the Flooding Hazard Map Viewer, the difficulty of recognizing risk, and how people experience and react to flood risk.

READ THE ARTICLE

WHAT WE'VE BEEN UP TO

Stephanie Arnold, our Strategy + Innovation Manager and Climate Services Specialist-PEI, and Heather Harris, our Support Specialist, presented at CMOS 58th congress on June 4. Their presentation, "Expanding Horizons and Expectations: Lessons from innovations in adaptation", examined the methodology, findings, surprises, and lessons learned from co-developing a sectoral adaptation plan with the PEI Federation of Agriculture.

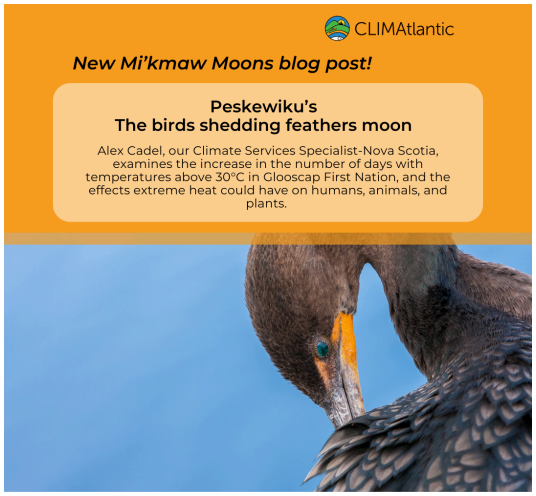
From June 3-7, CLIMAtlantic's staff, Advisory Committee, Board of Directors, Regional Steering Committee, and others gathered in Halifax, NS, for our Annual General Meeting. They discussed a variety of topics including Indigenous-led adaptation, disruptive kindness in adaptation, work and knowledge gaps, Shared Socioeconomic Pathways (SSPs), and more.

Jenna Miller, our Climate Services Specialist-NB, and Kate DesRoches, our Communications Specialist, participated the Nature Based Coastal Solutions and Ecological Restoration Symposium, hosted by TransCoastal Adaptations Centre for Nature-Based Solutions, in Halifax, NS, from June 23-27.

WHAT'S NEW ON OUR BLOG

Mi'kmaw Moons - July

In Mi'kmaw, from July 6 to August 7, the moon is known as Peskewiku's (bes-gay-we-goos), or birds shedding feathers moon. In the latest edition of Mi'kmaw Moons, Alex Cadel, our Climate Services Specialist-Nova Scotia, examines the increase in the number of days with temperatures above 30°C in Glooscap First Nation, and the effects extreme heat could have on humans, animals, and plants. Read more here.



READ OUR BLOG

WHAT WE'RE READING

Scientist Friederike Otto Links Climate Change to Disasters, CBC News

Friederike Otto, a World Weather Attribution (WWA) founder, discusses the links between climate change and extreme weather events with *CBC News*. Climate attribution uses relevant data to determine how much climate change made an extreme weather event more likely. This helps link climate change to impacts, recovery costs, and adaptation actions.

READ THE ARTICLE

In Mi'kma'ki, fighting to save the hemlock 'grandmothers' from a deadly pest, The Narwhal

Hemlock trees in Nova Scotia are under a new threat, the hemlock woolly adelgid, which has an increased survival rate in the region thanks to the lack of natural predators and a larger and spreading range, including parts of Nova Scotia, due to a warmer climate. Ulnooweg, a Mi'kmaq-led charity, is working with the Nova Scotia Hemlock Initiative, to protect the hemlocks by using a combination of biocontrol (such as introducing another species of beetle), pesticides, and silviculture.

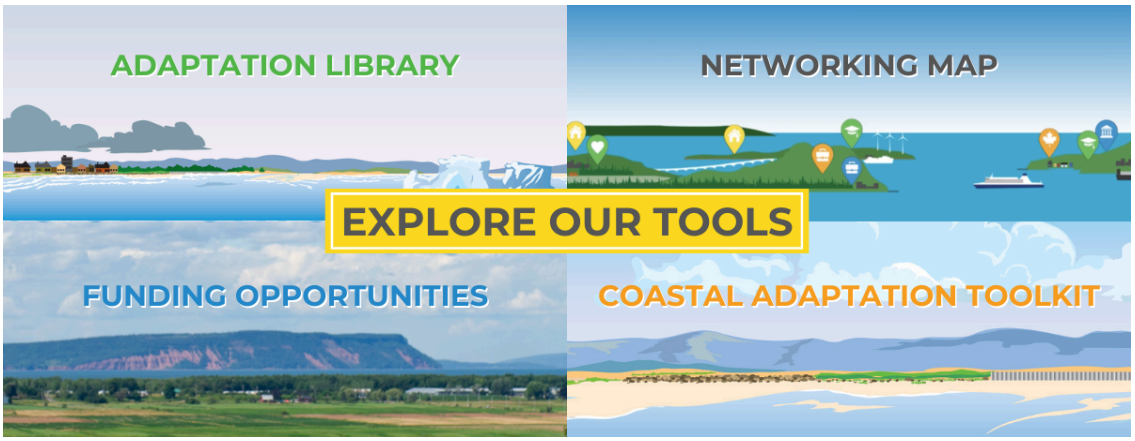
READ THE ARTICLE

WHAT WE'RE WATCHING

Gen Z Mental Health: Climate Stories, Climate Mental Health Network

This short documentary focuses on the mental health impacts of climate change on young adults, while sharing hope through stories of love, community, and healing.

WATCH THE FILM

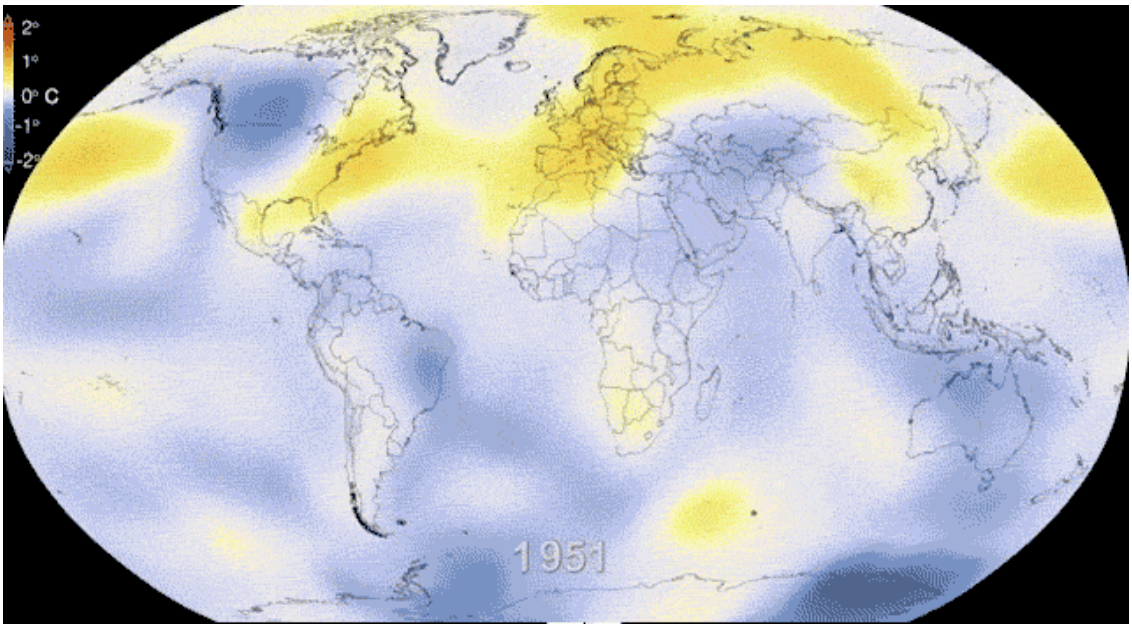


BROWSE OUR TOOLS

CLIMAtlantic's Help Desk

Looking for help accessing or interpreting climate data? Need help to figure our 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**



HELP DESK

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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