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CLIMAtlantic
Enhancing Atlantic Climate Resilience

NEWSLETTER
JUNE 2024

This month's newsletter contains:

- From across Atlantic Canada & beyond
  - Learning & training
  - Funding
  - Upcoming events
  - Hiring
- Noteworthy tools & resources
- Data highlight: Days above 30°C
- What's new from CLIMAtlantic: new resources & team members!
- CLIMAtlantic in the news
- What we've been up to
- What's new on our blog
- What we're watching

FROM ACROSS ATLANTIC CANADA & BEYOND

Learning & Training

Climate Connections Course, Halifax Regional Municipality (HRM) - This free, in-person, six-part course, developed by How We Thrive and hosted by HRM's Environment and Climate Change team, takes place at the Halifax Central Library on Tuesdays at 7-8:30 pm from May 21-June 25. Learn about how climate change is impacting the HRM and what can be done to prepare for these impacts and increase community resilience. Find out more here.

Funding

Community Funding Program - The Indigenous Centre for Cumulative Effects has recently opened their new Community Funding Program, which supports Indigenous community-led projects focused on building capacity for cumulative effects assessments (examining

environmental changes influenced by human activities and natural processes), monitoring, and management through a Two-Eyed Seeing approach. Application deadline: 9 PM AST, July 8, 2024. Learn more.

Upcoming Events

June 3-6, 2024 (online) – The CMOS 58th Congress: Extreme Events in a Changing Climate. The Canadian Meteorological and Oceanographic Society's (CMOS) congress will have sessions covering the latest science and solutions on the climate emergency, high impact weather, and more. Learn more here. **CLIMAtlantic is giving two presentations on June 4:**

- **Expanding Horizons and Expectations: Lessons from innovations in adaptation -** delivered by Stephanie Arnold, Climate Services Specialist-PEI and Strategy + Innovation Manager, Heather Harris, our Support Specialist, and Meagan Moynagh (PEI Federation of Agriculture).
- **Bridging the gap between climate science and adaptation practitioners -** delivered by Stephanie and Emma Poirier (Halifax Regional Municipality).

June 6, 2024 (online) – Webinar on the Canada in a Changing Climate: Synthesis Report. Hosted by the Climate Risk Institute, this webinar features representatives from Natural Resources Canada, Health Canada, and Environment and Climate Change Canada. Learn more and register here.

June 11, 2024 (online) – National Knowledge Assessment Virtual Scoping Workshop. The Climate Risk Institute and Natural Resources Canada are hosting a workshop to gather ideas and perspectives on the 2023-2028 National Knowledge Assessment process. Learn more and register here.

June 18-20, 2024 (hybrid, Oxford, UK) – Nature-based Solutions Conference: Growing Positive Change. Hosted by weAdapt, this event will focus on creating an action plan for nature-based solutions – also known as nature-based approaches – to support positive social-environmental change. Click here to learn more and register for the event, and here for more about nature-based approaches.

June 20, 2024 (online) – Honouring Indigenous Climate Leadership: A roundtable discussion showcasing Indigenous-led research and policy responding to climate change. This year's roundtable, hosted by the Canadian Climate Institute and the Centre for Indigenous Environmental Resources, will explore the three latest case studies in the Indigenous Perspectives Program. Learn more here.

June 24-26, 2024 (in person, Saint Mary's University, Halifax, NS) – Nature Based Coastal Solutions and Ecological Restoration Symposium 2024. Learn about the feasibility of nature-based adaptation to climate change. Includes field trips to adaptation sites in Nova Scotia. Hosted by TransCoastal Adaptations: Centre for Nature-Based Solutions and Coastal Zone Canada's Nature Based Coastal Solutions Community of Practice, with the Society for Ecological Restoration (Eastern Canada). Learn more and register here.

June 26, 2024 (online) – CMIP Seminar Series #3. The Coupled Model Intercomparison Project (CMIP) is hosting monthly seminars on climate research methodologies, modeling and usage. Click here to learn more about the series and to register.

Hiring

Climate Change Outreach Coordinator, New Brunswick Federation of Woodlot Owners - Learn more and apply here.

ICLEI Canada has three opportunities available (all open until filled):

- **Adaptation Program Lead –** Learn more and apply.
- **Adaptation Program Manager –** Learn more and apply.
- **Adaptation Lead, Climate Platform –** Learn more and apply.

Climate Change Adaptation Coordinator, Agri-Commodity Management Association **(ACMA)** - Learn more, and apply by June 7, 2024, here.

Engineering & Planning Navigator, Clean Foundation - Learn more, and apply by June 10, 2024, here.

NOTEWORTHY TOOLS & RESOURCES

Coming soon: Fire Weather Index, *ClimateData.ca*

ClimateData.ca will soon have a web-based app, called Fire Weather Index, that will allow users to explore information and future projections on weather conditions typically associated with wildfires. Stay tuned, we will share this as soon as it is released.

CHRIS, Flood Guide, and Coastal Property Guide, *Government of PEI*

The Government of PEI has released new tools and resources for local climate change adaptation. The Climate Hazard & Risk Information System (CHRIS) allows users to access information about different climate hazards. The PEI Flood Guide and Coastal Property Guide can help individuals and communities learn about coastal climate change risks and how to adapt to them. Learn more about these tools, and how to use them, at the link below.

LEARN MORE

Heat adaptation infographics, *Intact Centre*

The Intact Centre Climate Adaptation has released new infographics on home heat protection and apartment/condo heat protection. Find these, and infographics on adapting to other climate hazards, here.

ACCESS THE INFOGRAPHICS

DATA HIGHLIGHT

ClimateData.ca: Days above 30°C

As part of their Map of the Month series, ClimateData.ca is highlighting a set of maps showing days above 30°C. These maps compare historical data from 1971 to 2000 with future projections for 2071 to 2100. Under the high (Shared Socioeconomic Pathway 5-8.5) emissions scenario in Atlantic Canada, the number of hot days will rise significantly, affecting health, agriculture, infrastructure, and wildfire risk. To browse more maps on ClimateData.ca, including projected days with a high temperature above 30°C under different time periods and scenarios, visit their website.

VIEW THE MAPS

WHAT'S NEW FROM CLIMATLANTIC

News

Extreme Weather Adaptation Options Primers

We released six new primers on extreme weather events and their adaptation options last month! Head to our Resources + Reports webpage to find primers on high wind, coastal flooding, inland flooding, drought, extreme heat, and wildfire.

ACCESS THE PRIMERS

Donation from TD Bank Group

We're very grateful to receive a donation from TD Bank Group that will help us to continue facilitating access to data and information for adapting to wildfires and climate change.

LEARN MORE

Resources + Reports webpage

To make it easier to find and access our resources and reports, we created a new webpage. Find it here.

Welcome to the Team!

Meet Adrian, Armin, Sydney, Ivo, and Camille, our newest team members!

Adrian “Adje” Prado is our new Adaptation + Innovation Manager, and will be leading the climate data portal and adaptation pathways projects as well as exploring interdisciplinary and collaborative opportunities with rightsholders, stakeholders and communities.

Armin Nikkah is our new Science + Data Lead, and will support our team, partners, stakeholders, collaborators and rightsholders in understanding and using climate data and projections.

Sydney Shephard is our Communications Assistant, and will be supporting us throughout the summer with our social media, newsletter and website work.

Ivo Reed and Camille Nero are our new Climate Adaptation Assistants. Throughout the summer they’ll support our work on PEI, and assist us with communications.

GET TO KNOW THE CLIMATLANTIC TEAM

CLIMAtlantic in the News

Stephanie Arnold was recently awarded the Reconciliation Recognition Award from L'nuey PEI, acknowledging their work in highlighting Indigenous wisdom and anti-colonial science, and encouraging others to ensure that their work supports reconciliation. Stephanie, along with the other two recipients of the award, spoke to *CBC News* about what the award means to them. Listen to the interview here.

LISTEN TO THE INTERVIEW

WHAT WE'VE BEEN UP TO

We've had a busy month! On May 1, Stephanie and Heather presented to a Grade 5 class at Stratford Elementary. Their presentation explored the impacts of climate change on PEI's landscape, including coastal erosion and flooding, and options to adapt to these impacts.

Alex Cadel, our Climate Services Specialist-NS, spoke about climate change projections at an information session organized by the Nova Scotia Timber Loan Board on May 2, with the Town of Annapolis Royal's Environmental Advisory Committee on May 10, with Tourism Nova Scotia staff on May 16, with Nova Scotia Department of Public Works staff on May 17, and at a Living Labs information session organized by the Nova Scotia Federation of Agriculture on May 23.

As part of the Society for Ecological Restoration – Eastern Canada's webinar, "Nature-based approaches: An opportunity for municipalities?", Sabine Dietz, our Executive Director, discussed the opportunities and barriers associated with working on nature-based approaches with municipalities.

Also on May 17, Anna presented to the Council of Nova Scotia Archives about climate change trends in Nova Scotia and their impact on the Heritage and Archives Sector.

On May 21, Heather Harris, our Support Specialist, helped facilitate table discussions among students and youth at the Global Sustainable Islands Summit held on PEI.

Jenna Miller, our Climate Services Specialist-NB, presented during Evergreen's webinar "Climate Data and Water Stewardship" on May 23 and to the New Brunswick Association of Fire Chiefs, during their Annual Convention on May 25.

On May 27 and 28, Stephanie, Heather, Ivo, and Camille partnered with North Shore Climate Action for Resilience to deliver two "Climate Conversation" events to communities along PEI's north shore. These events involved introductions to PEI's CHRIS portal, CLIMAtlantic's CAT, and included discussions about climate change and community resilience.

WHAT'S NEW ON OUR BLOG

Mi'kmaw Moons - June

In the June edition of "Mi'kmaw Moons", Alex Cadel examines the June moon which is known as Nipniku's (nib-nee-goos), the trees fully leafed moon and covers the approximate dates of June 5 to July 6. Learn about this moon's connection to growing degree day trends (a measure of whether conditions are warm enough to support plant growth) in Pabineu First

Nation. To read the June edition, and earlier installments, click here.

READ OUR BLOG

WHAT WE'RE WATCHING

Dan Wildcat on Rights of Nature, Bioneers Indigenous Knowledge

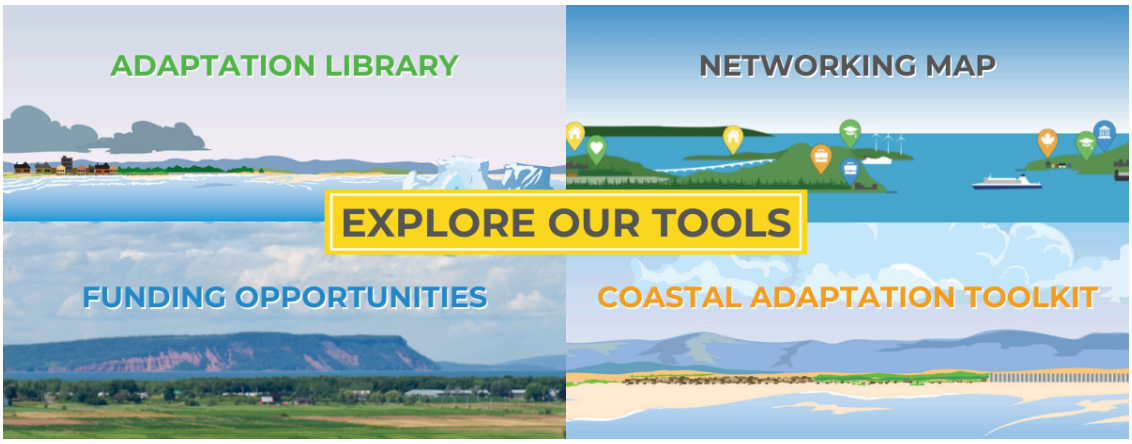
For International Day of Biological Diversity (May 22), we reflected on our commitment to help communities and natural systems thrive under a changing climate, as Dr. Daniel Wildcat (Yuchi) urges in this clip from his speech at the 2012 Bioneers Annual Conference Indigenous Forum.

WATCH DR. WILDCAT'S PRESENTATION

A Deep Dive into *For Our Future: Indigenous Resilience Report*

"For Our Future" is the first, stand-alone report that discusses climate change impacts, experiences and approaches to climate change from the perspectives of First Nations, Inuit and Métis living in what is currently known as Canada. Click here to watch the webinar recording, which features authors of the report, and here to read the report.

WATCH THE RECORDING

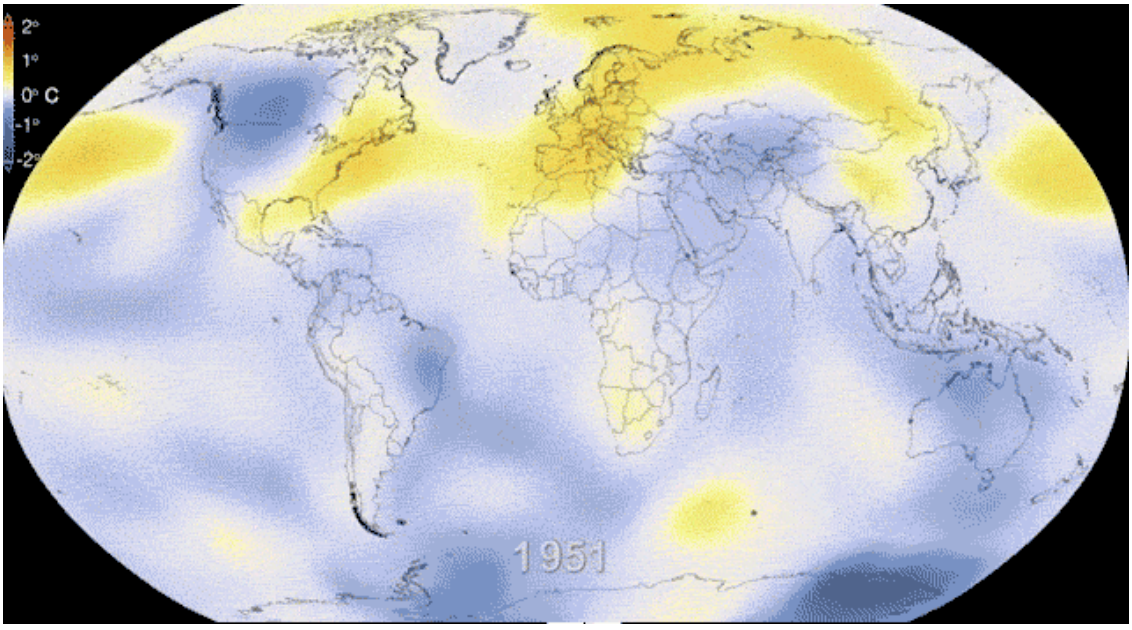


BROWSE OUR TOOLS

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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