

## ***About CLIMAtlantic***

CLIMAtlantic is a non-profit organization that facilitates access to regionally relevant climate information and supports its effective use in planning and decision making for New Brunswick, Nova Scotia, Prince Edward Island, and Newfoundland and Labrador.

We are user-driven, focusing on the needs of Indigenous communities, academia, provincial governments, municipalities, local service districts, non-profits, industry, and land-owners.

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## ***Background Information***

### **What is climate change adaptation, and how can it support communities?**

Climate change causes new issues for communities and exacerbates existing ones. In order for communities to tackle the climate crisis, it's essential to address these problems while leveraging opportunities. This is where climate change adaptation comes in.


At its simplest, climate change adaptation includes four important steps:

1. Assess the impacts, vulnerabilities and risks associated with climate change
2. Plan for measures that improve resilience while avoiding adverse impacts
3. Implement these strategies
4. Evaluate performance

Climate adaptation measures may often have far-reaching co-benefits like strengthening the local economy through employment opportunities and procurement from local companies, improved tourism opportunities, increased biodiversity, and positive outcomes for human health, to name a few. Adaptation measures may be multi-solving and provide many benefits through one action. This 5 minute video about [Mnikgu](#) (Chapel Island, NS) demonstrates multi-solving in climate adaptation.

While projects can contribute to adaptation, adaptation itself is not a project; it is an **ongoing, iterative** process that requires adjustments as conditions change.

*Are you more of a visual learner?* Check out our **3-minute video** on climate change adaptation!

 [Climate Change Adaptation | CLIMAtlantic](#)

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## Adaptation Essentials: Series Snapshot

This webinar series serves as a foundational introduction to climate change (and what this looks like in Atlantic Canada), climate adaptation, existing tools/resources, and how CLIMAtlantic can help you! Recordings are permanently available on our YouTube channel.

### June - Climate Change Impacts in Atlantic Canada

Access the webinar recording [here](#).

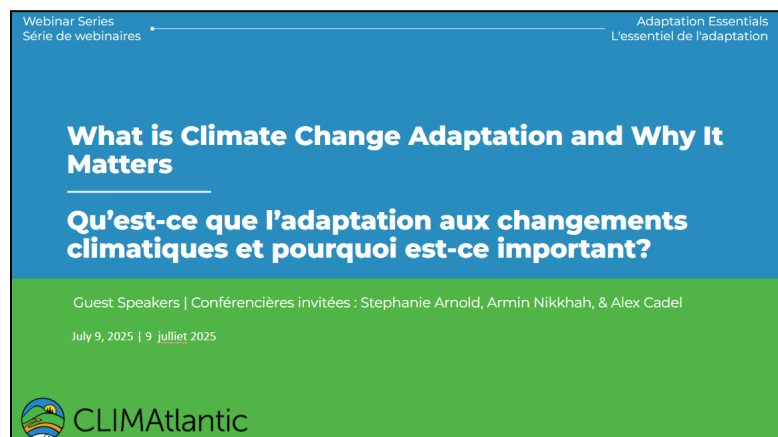


Topics covered:

- An overview of the causes and broad impacts of climate change
- 'Climate' vs. 'weather'
- How vulnerability affects exposure to climate change impacts
- Some of the most noticeable impacts being experienced in each of the Atlantic provinces
- A sneak peek into *adaptation* as the way forward

### July - What is Climate Adaptation and Why It Matters

Access the webinar recording [here](#).



Topics covered:

- A deep dive into climate change adaptation and why it's necessary
- Climate change 'adaptation' vs. climate change 'mitigation'
- Adaptation is a *process*, not a *project*

### **Adaptation Essentials Webinar Series: Key Resources**

- Some of the common pitfalls that can lead to *mal*adaptation and other types of ineffective adaptation
- The value of a 'big-picture' approach while also offering individualized solutions
- The value of climate data in supporting adaptation
- Real-life examples of climate change adaptation (African Nova Scotian Climate Justice Ambassadors Program & PEI Federation of Agriculture sector-level Adaptation Plan)

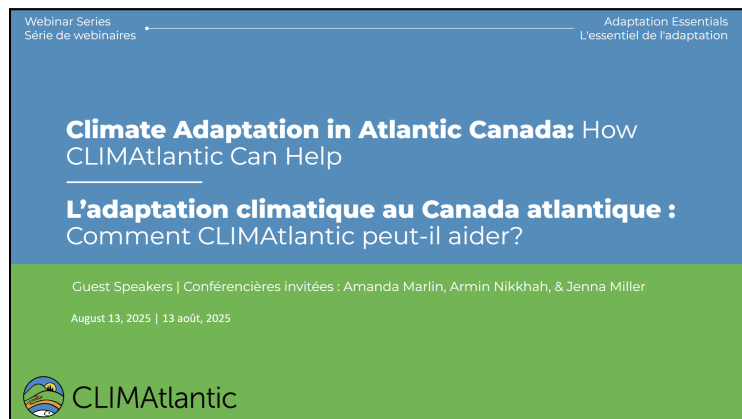
Helpful links shared during the webinar:

- **Article:** Maladapted <https://www.openmindmag.org/articles/maladapted>
- **Article:** Water Use in California <https://calmatters.org/environment/water/2024/03/california-farms-water-conservation/>
- **Climate-Ready Infographics:** <https://www.intactcentreclimateadaptation.ca/climate-ready-infographics/>
- **ENRICH Project:** <https://www.enrichproject.org/>
- **Pathway 2040:** [pathway2040.ca](https://pathway2040.ca)

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## August - Climate Adaptation in Atlantic Canada: How CLIMAtlantic Can Help

Access the webinar recording [here](#).



Topics covered:

- A high-level overview of some of CLIMAtlantic's tools, resources, and programs designed to address gaps and help you do climate adaptation better, including our:
  - Coastal Adaptation Toolkit
  - Networking Map
  - Adaptation Library
  - Climate Adaptation and Resilience Training (CART) Program
  - Funding Opportunities webpage
- A walkthrough of prominent national climate data tools that can assist with adaptation planning, including:
  - Environment and Climate Change Canada (ECCC)
  - ClimateData.ca

**Adaptation Essentials Webinar Series: Key Resources**

- CAN-EWLAT tool
- Other FREE, personalized services we provide that are available to you

*Helpful links shared during the webinar:*

- CLIMAtlantic's **Coastal Adaptation Toolkit**: <https://climatlantic.ca/coastal-adaptation/>
- **ClimateData.ca**: <https://climatedata.ca/>
- Learn more about **Historical Climate Data**: <https://climate.weather.gc.ca/>
- **Canadian Extreme Water Level Adaptation Tool** (CAN-EWLAT):  
<https://www.dfo-mpo.gc.ca/science/oceanography-oceanographie/accasp-psaccma/can-ewlat-ocanee/index-eng.html>
- CLIMAtlantic's **Networking Map**: <https://climatlantic.ca/networking-map/>
- CLIMAtlantic's **Adaptation Library**:  
<https://climatlantic.ca/tools/adaptation-library/#/options/>
  - **Submit a resource** to the Adaptation Library:  
<https://climatlantic.ca/tools/adaptation-library/submit-a-resource/>
- CLIMAtlantic's **Climate Adaptation and Resilience Training (CART)**:  
<https://climatlantic.ca/cart/>
- CLIMAtlantic's **Funding Opportunities**:  
<https://climatlantic.ca/tools/funding-opportunities/>
  - Have we missed a funding opportunity? Contact us at: [info@climatlantic.ca](mailto:info@climatlantic.ca)
- **CLIMAtlantic Team**: <https://climatlantic.ca/about/team/>

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**Still have questions? [Reach out to us directly](#) for FREE adaptation support services!**

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