

1. Who We Are

The Canadian Centre for Climate Services (CCCS), part of Environment and Climate Change Canada, is a multi-disciplinary team of climate experts. We work with a wide range of climate information users, including communities across the country, to help people understand and use climate information to make informed decisions and respond to a changing climate.

Our focus is to ensure climate data and guidance are not only accessible, but also meaningful and usable in real-world contexts. As the climate continues to change, our role is to help decision-makers move from awareness to action, grounded in evidence-based information and practical support.

2. What We Do

Planning for infrastructure, economy, public health and safety, and community well-being can no longer rely on historical trends alone. The CCCS provides access to the high-quality climate data, guidance, and expertise needed to support confident decision-making in a changing climate. Our work includes:

- **Providing access** to historical climate data and future projections
- **Translating** complex science into practical insights
- **Supporting** adaptation planning and risk assessment
- **Delivering** training and learning opportunities
- **Collaborating** with partners across regions and sectors

There is a vast amount of climate information available, and it can be difficult to determine what is reliable, relevant, and applicable to your community. We help cut through that complexity so you can focus on what matters most.

3. Who We Serve

We work with a wide range of users across Canada - such as local governments, as well as Indigenous communities and organizations, provinces and territories, the private sector, nonprofits, academia, and the general public.

Municipalities are at the heart of our work. We understand that climate impacts are local, and that planning, decision-making, and solutions must reflect the unique realities of each community.

Our services support a range of sectors, including infrastructure, transportation, public health, emergency management, agriculture, and coastal systems.

4. How We Help

Access to Climate Data

We provide access to historical climate data and future projections through user-friendly tools, including ClimateData.ca, the Climate Data Extraction Tool, and Climate Data Viewer.

ClimateData.ca is an authoritative source of high-resolution climate data designed to support climate-informed decision-making across Canada. The information is grounded in peer-reviewed science and established methods. It is a collaboration between the CCCS and Canada's regional climate organizations to provide decision makers with the right data in the right format.

The platform enables local governments and other decision-makers to access and use the most up-to-date climate information through clear visualizations (e.g., maps, graphs, illustrations), downloadable datasets, and practical guidance. To learn more about ClimateData.ca, check out the ClimateData.ca profile.

We recognize that data alone is not always enough. Interpreting what the data means for your specific municipality can be challenging, and that is where we can help.

Training and Capacity Building

We offer webinars, workshops, and learning resources designed to build confidence in using climate information.

Our goal is not just to share information, but to empower municipal staff and leaders to:

- Understand climate risks
- Ask the right questions
- Apply climate data in planning and decision-making

Whether you are just getting started or looking to deepen your expertise, we are there to support you, from designing climate-resilient buildings and infrastructure, to assessing current and future hazards (e.g., heavy precipitation, heat waves, fire weather), and advancing practical local adaptation efforts.

Climate Services Support Desk

Our Support Desk is at the core of our personalized service offering.

Municipalities can connect directly with climate experts to receive tailored guidance based on their specific context, challenges, and goals.

This is especially valuable when:

- Available resources feel too broad or not reflective of your local reality
- You are unsure which data or tools are most relevant
- You need help interpreting climate projections for your community
- You are looking for trusted guidance materials and best practices

Rather than navigating this alone, you can speak with someone who understands both the science and its practical application.

We work with you to ensure the approach makes sense for your municipality - because no two communities face climate change in the same way.

5. Regional partners

We collaborate with and support a network of regional climate service providers across Canada:

- Atlantic: CLIMAtlantic
- Québec: Ouranos
- Ontario: Ontario Resources Centre for Climate Adaptation (ORCCA)
- Prairies: ClimateWest
- Pacific & Yukon: Pacific Climate Impacts Consortium (PCIC)

These partnerships:

- Provide regionally relevant expertise
- Connect municipalities with local resources
- Ensure services reflect diverse geographic and community contexts

6. Contacting the CCCS

If you are looking for support, we encourage you to reach out.

- **Climate Services Support Desk:** ccsc-cccs@ec.gc.ca
- **Online:** Available through our Government of Canada website and ClimateData.ca

Whether you have a specific question or are not sure where to start, we are here to help!