

# Climate Adaptation Resources for British Columbia – Ressources en matière d'adaptation climatique pour la Colombie-Britannique

## 1.1 Climate Projections / Scenarios

### 1.1.1 Pacific Climate Impacts Consortium – [www.pacificclimate.org](http://www.pacificclimate.org)

#### a) Plan2Adapt

<https://www.pacificclimate.org/analysis-tools/plan2adapt>

*Climate change impacts do not affect every region of British Columbia in the same way. The Plan2Adapt tool generates maps, plots, and data describing projected future climate conditions for regions throughout British Columbia. It is designed to help you assess climate change in your region based on a standard set of climate model projections. It is similar to the [Regional Analysis Tool](#) (see below) and uses the same data to generate its output. With a simpler user interface and fewer configurable options Plan2Adapt is designed to serve the needs of those involved in local and regional community planning.*

*After exploring the projected climate changes for your region, you may also want to visit [Retooling for Climate Change](#) (see 5.2.1 below) a website for examining climate change impacts in preparation for adaptation in BC.*

#### b) Regional Analysis Tool

<https://www.pacificclimate.org/analysis-tools/regional-analysis-tool>

*PCIC's Regional Analysis Tool generates maps, plots and data describing projected future climate conditions for the Pacific and Yukon Region. It uses an ensemble of more than 15 Global Climate Model (GCM) and SRES emissions scenario combinations provided by the Intergovernmental Panel on Climate Change (IPCC).*

## 1.2 Adaptation Tools / Guides

### 1.2.1 Fraser Basin Council

#### a) BC Regional Adaptation Collaborative (BC RAC) program: Fraser Basin Council

[https://www.fraserbasin.bc.ca/ccaq\\_bcrac.html](https://www.fraserbasin.bc.ca/ccaq_bcrac.html)

#### b) ReTooling for Climate Change <https://www.retooling.ca/>

*your first-stop website on climate change adaptation. Here is the place to find top tools and resources for BC local governments, First Nations and the natural resource sectors as everyone prepares for the impacts of climate change, now and in the years ahead.*

*Fraser Basin Council is one of the Federation of Canadian Municipalities (FCM) 12 Adaptation Partners. The program is intended to provide training and guidance on how to adapt to climate change to municipalities. Adaptation Partner grants are delivered through FCM's Municipalities for Climate Innovation Program with funding by the Government of Canada.*

### 1.2.2 BC Climate Action Toolkit

<http://www.toolkit.bc.ca/>

## The Toolkit

*The BC Climate Action Toolkit is a tool for knowledge sharing and collaboration. It provides the latest news, best practices, practical advice, information, and strategic guidance to help BC local governments successfully reduce greenhouse gas emissions and, at the same time, strengthen their communities.*

*A living site, the BC Climate Action Toolkit will grow and change with users' needs and feedback. The toolkit's goal is to inspire action in BC's diverse local governments to rapidly advance deep emission reductions in corporate operations and community-wide activity. Through the Climate Action Charter and a wide range of actions on the ground, BC local governments have already taken action and the Toolkit provides an opportunity to benefit from lessons learned. It draws on a wealth of relevant, topical resources available to local BC governments.*

### **Assembling the Toolkit**

*In assembling this Toolkit, the Green Communities Committee relied on the knowledge and experience of individuals and organizations across the province.*

*The tools, plans, and guidance are the product of existing and new work by experts who have been working inside or with local government to advance sustainable energy and reduce greenhouse gas emissions.*

### **1.2.3 Pacific Institute for Climate Solutions**

<http://www.pics.uvic.ca/>

*The Pacific Institute for Climate Solutions (PICS) is a dynamic knowledge network that brings together leading researchers from British Columbia (BC) and around the world to study the impacts of climate change and to develop positive approaches to mitigation and adaptation.*

*Created in 2008 with a major endowment from the BC Ministry of the Environment, PICS is hosted and led by the University of Victoria in collaboration with BC's three other research-intensive universities: Simon Fraser University, the University of British Columbia and the University of Northern British Columbia.*

*Research includes and past research has included:*

- *The Low Carbon Emissions Economy*
- *Social Mobilization*
- *Resilient Ecosystems*
- *Sustainable Communities*
- *Carbon Management in BC Forests*
- *The 2060 Project: Integrated Energy System Pathways for British Columbia and Canada*
- *The Scale of Natural Gas Development and Maximizing Net Social Benefits*
- *Transportation Futures for BC*
- *Energy Efficiency in the Built Environment*
- *The Forest Carbon Management Project*