

Climate Adaptation and Sustainable Communities



CASC (OCCIAR) The Ontario Centre for Climate Impacts and Adaptation Resources at MIRARCO is dedicated to assisting communities and sectors adapt to climate change through the provision of climate science and adaptation tools. The Centre is also a resource hub for researchers and stakeholders searching for information on climate change impacts and adaptation.

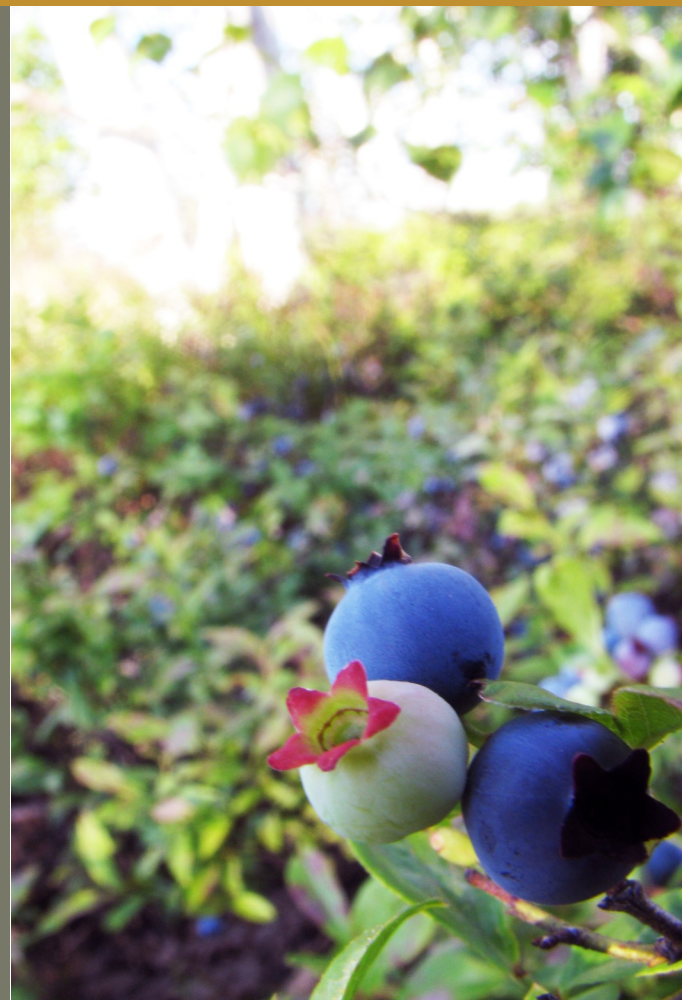
It's What We Do...

Communicating the Science of Climate Change

Within the Province of Ontario and beyond, OCCIAR's aim is to effectively communicate the science of climate change including its current and future impacts, encourage the development and implementation of adaptation strategies in order to reduce climate vulnerability and increase resiliency and create and foster partnerships with stakeholder groups to advance adaptation action across Ontario. The Centre is also a hub for climate change impacts and adaptation activities, events and resources.

Working with a variety of different community and sector stakeholders, OCCIAR develops and delivers climate change impacts and adaptation resources throughout the province. The Centre also strives to create new relationships with different agencies and institutions to facilitate and enhance adaptation planning through mainstreaming of climate change into decision-making processes. The OCCIAR webpage hosts pertinent and up-to-date information on climate change impacts and adaptation which disseminates resource material pertaining to climate change impacts, vulnerabilities and adaptation.

If you are seeking to better understand how climate change will impact your community or sector, please contact OCCIAR. We can help you develop solutions to reduce the risks posed by future climate variability and climate change.



Current Projects...

The Climate Change Adaptation Community of Practice

OCCIAR at MIRARCO will host a Climate Change Adaptation Community of Practice. Funded by the Council of the Federation, the Community will create an online resource forum where policy staff from provincial and territorial governments can communicate with climate change experts and scientists. The portal will seek to enhance and expand the knowledge base of climate change adaptation across Canada .



Communauté de pratique
ACC/CCA
Community of Practice

The International Upper Great Lakes Study

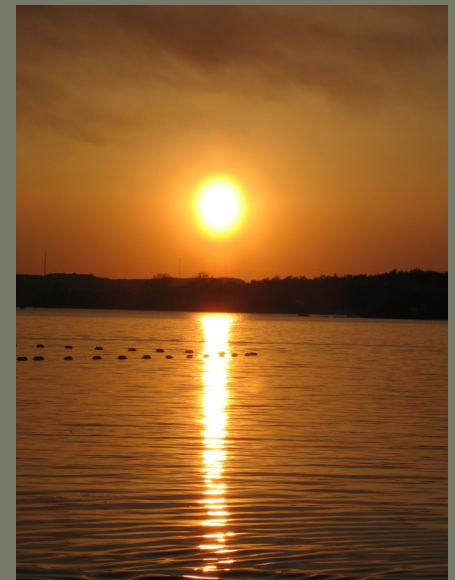
With support from the International Joint Commission through Environment Canada, OCCIAR is participating in the International Upper Great Lakes Study. OCCIAR staff have conducted field work to gather data to feed into the Tourism and Recreational Boating Technical Working Group of this study and are participating in the development of an adaptive management plan for the Upper Great Lakes .

Ontario's Regional Adaptation Collaborative

Participating in Natural Resources Canada's Ontario Regional Adaptation Collaborative, OCCIAR is part of the outreach and capacity-building program and is tasked with disseminating information and knowledge to communities and sectors (mining, forestry, agriculture) across Ontario. Stakeholder workshops, webinars, fact sheets, websites, case studies, climate data and risk management/vulnerability frameworks will comprise the suite of resources that will be communicated to stakeholders. These resources will advance climate change adaptation knowledge and action in communities and sectors where it is most needed. The northern/rural/remote communities' sub-section of the outreach component of the Regional Adaptation Collaborative (RAC) will focus its efforts on communities who have less adaptive capacity. With this focus, OCCIAR will enhance the ability of communities to cope with climate variability and climate change.

Community Adaptation Initiative

The Community Adaptation Initiative is a project to help communities address the challenges of climate change. This initiative will work with private and public sector groups, conservation authorities and non-governmental organizations to become more resilient to climate change and its effects. Collaborating with the Clean Air Partnership in Toronto, OCCIAR will develop and disseminate a variety of tools that will advance adaptation throughout Ontario.



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