

# Resources for Municipal Climate Change Adaptation

Devin Causley  
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**FCM** | Centre for Sustainable  
Community Development



# Federation of Canadian Municipalities

- National voice of municipal governments since 1901
- Represents over 1,600 municipal governments
- Dedicated to improving the quality of life in all communities by promoting strong, effective and accountable municipal government
- Advocacy on economic, environmental and social policies that affect municipal governments



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# FCM Centre for Sustainable Community Development

## Financial assistance through:

- Green Municipal Fund (GMF)
- Affordability and Choice Today (ACT)

## Building capacity through:

- Campaigns in each GMF sector: brownfields, energy, planning, transportation, waste and water
- Partners for Climate Protection (PCP)
- Community Energy Planning Mission
- FCM Sustainable Communities Conference
- FCM-CH2M HILL Sustainable Community Awards
- InfraGuide



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# The Green Municipal Fund

- Offers grants for feasibility studies, field tests and sustainable community plans, and grants and low-interest loans for capital projects
- Competitive RFP process for capital projects focuses on funding the best projects
- Open to all municipal governments and their private-sector partners



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# Halifax Regional Municipality

- **Features**

- Climate-SMART: Climate Change - Sustainable Mitigation & Adaptation Project
- Public private partnership

- **Anticipated outcomes**

- Vulnerability assessments and sustainability analyses
- Cost-benefit assessments
- Emissions management and mitigation tool
- Climate change risk management plan
- An emissions management and adaptation methodology
- Communications and outreach

- <http://www.halifax.ca/climate/index.html>









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# Capacity building

FCM has capacity building campaigns in each of the six Green Municipal Fund (GMF) sectors:

	Brownfields		Planning		Waste
	Energy		Transportation		Water



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# Partners for Climate Protection

- Over 150 municipal governments working to address climate change
- Networking, workshops, tools and technical support
- Greenhouse gas emissions and criteria air contaminants can be addressed in combination
- FCM delivers program in partnership with ICLEI – Local Governments for Sustainability

Milestone 1 – Establish base year and inventory

Milestone 2 – Set reduction target

Milestone 3 – Develop action plan

Milestone 4 – Implement actions

Milestone 5 – Monitor, verify and report on results

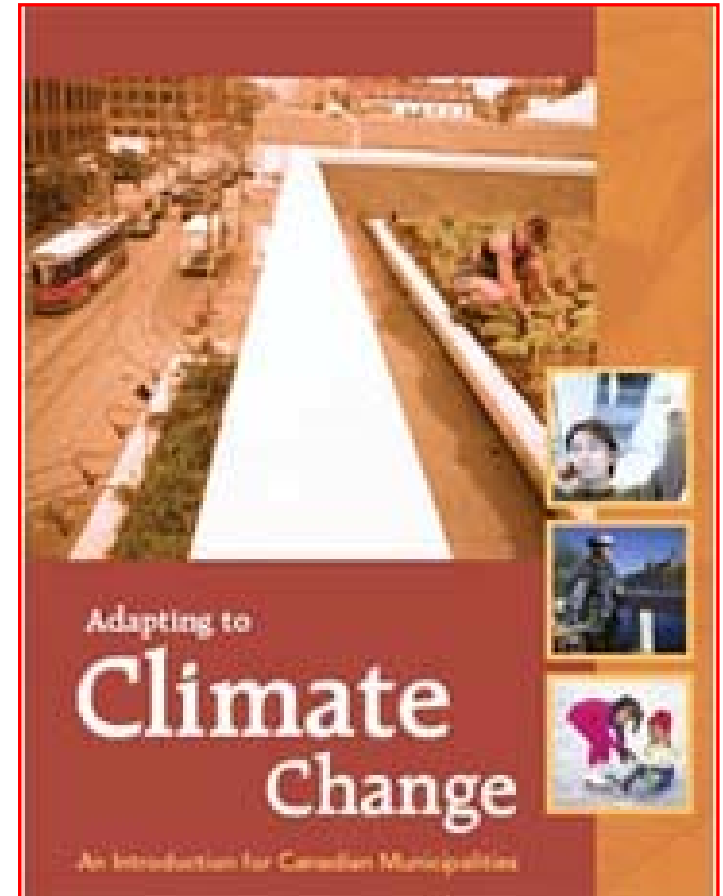


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# Adaptation Resources

- **Adapting to Climate Change: An Introduction for Canadian Municipalities**
- Climate Change Impacts and Adaptations Research Network C-CIARN
- <http://www.sustainablecommunities.ca/Partners-for-Climate-Protection/Resources-Tools.asp>



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# Adaptation Resources

- **Municipal Risks Assessment: Investigation Of The Potential Municipal Impacts and Adaptation Measures Envisioned As A Result Of Climate Change**
- The National Secretariat On Climate Change Municipalities Table - Federation of Canadian Municipalities
- Available Off-line

*REPORT FOR*


*The National Secretariat On Climate Change  
Municipalities Table*

***MUNICIPAL RISKS ASSESSMENT:***

***Investigation Of The Potential Municipal Impacts  
And Adaptation Measures Envisioned  
As A Result Of Climate Change***

By:  
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# Adaptation Resources

- **Public Infrastructure Engineering Vulnerability Committee (PIEVC).**
- PIEVC's mandate is to facilitate an assessment of the vulnerability of Canada's public infrastructure to the impacts of climate change
- Engineers Canada
- [http://www.engineerscanada.ca/e/pub\\_ceo\\_marapr\\_06.cfm](http://www.engineerscanada.ca/e/pub_ceo_marapr_06.cfm)



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# Upcoming Capacity Building Events

## FCM Sustainable Communities Conference & Trade Show

*February 14 to 16, 2008*

*Ottawa, Ontario*

Keynotes: Larry Beasley, Adam Werbach, Bob Willard

### Sessions

- Investigating water and wastewater management strategies,
- Translating climate change adaptation research into practice,
- Discovering sustainable community planning costing tools

Register online at [www.sustainablecommunities.ca](http://www.sustainablecommunities.ca)



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# Upcoming Capacity Building Events

## FCM Capacity Building Webinar Series:

*“Assessing the Vulnerability of Water Infrastructure to Climate Change”  
December 12, 2007*

*“Helping Small Municipalities through PCP Milestones 1-3”  
January 23, 2008*

*“Planning for Climate and Energy Uncertainty”  
January 30, 2008*

## GMF Application Webinar Series:

*Through this webinar series, FCM staff will explain the GMF funding program and provide tips on submitting a high-quality application.*

*January 10, 15, 17, 24, 31  
February 1, 5, 7, 28, 29*



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