

Canada in a Changing Climate: Advancing our Knowledge for Action



<http://www.nrcan.gc.ca/environment/impacts-adaptation/10029>

New assessments

- 2018 Canada in a changing climate (ECCC)
- 2021 Health vulnerability & adaptation
- 2019 on - Advancing Knowledge for Action individual chapters

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Getting started: Risk Assessment & Adaptation Planning

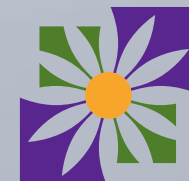
- Climate is changing and will continue to change
- Adaptation is an on-going process

What is required (not in order of importance!)

- Research & innovation
- Information & knowledge
- Tools
- Networks, learning & sharing opportunities
- People
- Funding
- Community engagement
- Implementation

Who is required: (not in order of importance!)

- Governments (focus on local)
- Engineers
- Landuse planners
- Health professionals
- Non-profit organizations
- Emergency measures
- Citizens
- And others!



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Why Adaptation Plans?

- Provide framework & starting point
- Tool & compilation of what we know
- Identify risks and vulnerabilities
- Implementation plan with actions

Needs to be constantly revised!

This morning:

Tools

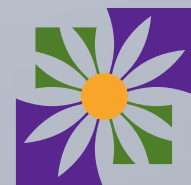
- LiDar, GIS and maps – Reid

Knowledge

- Sea level rise – Réal
- Erosion – Dominique

Research & innovation

- GIS: In-land flood risk mapping - James



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Useful links:

GNB website:

- http://www2.gnb.ca/content/gnb/en/departments/elg/environment/content/climate_change.html

ACASA website:

- <http://atlanticadaptation.ca/>

Acadian Peninsula (IRSZC):

- <http://www.adaptationpa.ca/en/>

UPEI climate change lab:

- <http://projects.upei.ca/climate/>

NBEN:

- <http://www.nben.ca/en/province-wide-conferences-and-workshop-reports>



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