



### [Investing in Canada's Future: the Cost of Climate Adaptation at the Local Level](#)

The report establishes a credible estimate of the investment in municipal infrastructure and local adaptation measures needed to reduce the impacts of climate change.

**Key Terms:** *Adaptation, Cost Estimate, Climate Risk*

**Author:** Federation of Canadian Municipalities, Insurance Bureau of Canada

**Year:** February 2020

### [Economic guidance for the appraisal and prioritization of adaptation actions](#)

The guidebook aims to provide adaptation planners with a rigorous framework for assessing the costs and benefits of adaptation actions. The guidebook is targeted towards analysts as well as anyone seeking to expand their knowledge.

**Key Terms:** *Adaptation, Cost Benefit Analysis, Cost Estimate*

**Author:** All One Sky Foundation

**Year:** November 2013

### [Factoring Climate Risk into Financial Valuation](#)

The paper provides a protocol and framework to alleviate dissatisfaction felt by institutional investors regarding reporting relative to climate risk. This framework of risk prioritization is illustrated in industry-specific Climate Risk Matrices.

**Key Terms:** *Risk Matrix, Risk Prioritization*

**Author:** University of Waterloo

**Year:** March 2020

### [Paying for Urban Infrastructure Adaptation in Canada – An Analysis of Existing and Potential Economic Instrument for Local Governments](#)

The report explores existing economic instruments being used in the Canadian public sector and how these instruments could be modified and applied to finance adaptation measures in Canada. The report reviews existing approaches in use by other Countries and new approaches for adaptation.

**Key Terms:** *Adaptation, Cost Estimate, Cost Benefit Analysis*

**Author:** Simon Fraser University, Adaptation to Climate Change Team

**Year:** June 2015



[Paying the price: the economic impacts of climate change for Canada](#)

The report explores the costs of climate change for Canada as a whole including the costs with and without planned adaptation. The report focuses on timber supply, coastal areas, and human health.

**Key Terms:** *Adaptation, Cost Estimate, Cost Benefit Analysis*

**Author:** National Round Table on the Environment and the Economy

**Year:** 2011

[Economics of adaptation. Climate Change 2014: Impacts, Adaptation, and Vulnerability. Part A: Global and Sectoral Aspects. Contribution of Working Group II to the Fifth Assessment Report of the Intergovernmental Panel of Climate Change](#)

The chapter reviews existing literature, decision making and the economic context of evaluation, economic barriers to adaptation decision making, cost of adaptation, and instruments to provide incentives for adaptation.

**Key Terms:** *Adaptation, Cost Estimate, Cost Benefit Analysis*

**Author:** Intergovernmental Panel of Climate Change

**Year:** 2011

