



# CLIMATE RISK ASSESSMENT

POWERED BY <sup>©</sup>ClimateCheck<sup>®</sup>

Instantly know property risks due to climate change in Canada



## Climate Change: An Imminent Threat

The science of climate change is teaching us that properties across North America — and the world — are experiencing an unprecedented increase in the frequency of climate events and related losses. According to Larry Fink of BlackRock, “Climate change is driving a profound reassessment of risk and asset values.”

### ERIS is Proud to Partner with ClimateCheck<sup>®</sup>

To help the Canadian environmental due diligence industry assess the increasing property risks due to the changing climate, ERIS now offers reports to enable every real estate stakeholder to instantly understand their risks.

**ClimateCheck<sup>®</sup> distills the best and latest climate change research into a hyper-localized assessment of an individual property’s vulnerability to every risk, assessing five types of hazards:**



**PRECIPITATION**  
*(aka Storm)*  
Risk of precipitation



**DROUGHT**  
Risk of water scarcity



**HEAT**  
Risk of extreme heat



**FIRE**  
Risk of wildfire



**FLOOD**  
Risk of inland flooding



Want to learn more about ERIS' Climate Risk Assessment?  
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## ERIS can help you assess the physical property risks:

### Comprehensive Climate Risk Analysis

ERIS can provide in-depth property-specific reports outlining the physical risks over time to all the hazards. Includes search of property and surrounding properties (depending on search criteria entered).

### Account for Escalating Operational Expenditures

- **Drought** — Increasing water expense
- **Temperature** — Increasing utility expenses
- **Precipitation** — Increasing repair and maintenance
- **Flood** — Increasing cost of insurance
- **Fire** — Increasing cost of insurance

#### Factor in Decreasing Values

Future buyers will factor in growing climate risk. Protect yourself from ballooning climate change cap rates at refinancing and disposition milestones.

#### Anticipate Total Loss Scenarios

Understand risk to total loss events from fire and flood.

### Methodology and Data

ClimateCheck® aggregates and distills multiple climate simulations from peer-reviewed government and academic sources into an easy-to-understand risk assessment that measures how resilient a property is to climate change over the next 5 to 40 years.



#### Fire

- Canadian Forest Service Burn Probability
- Fire Weather Index from 12 CMIP5 Regional Climate Models from NA-CORDEX



#### Heat

- 27 CMIP5 GCMs statistically downscaled with the BCCAQv2 method



#### Precipitation (aka Storm)

- 27 CMIP5 GCMs statistically downscaled with the BCCAQv2 method



#### Drought

- Standardized Precipitation Index (SPI)
- North American CORDEX regional climate simulations



#### Inland Flood

- Copernicus DEM - Global and European Digital Elevation Model (COP-DEM)
- 27 CMIP5 GCMs statistically downscaled with the BCCAQv2 method

### It's easy to order a Climate Risk Assessment Report!

- Simply order your report by logging into your online account with ERIS
- The report PDF will be delivered to you via hyperlink, or you can download it from your My Orders Page

**\$195**  
per report