WEATHERING THE STORM: DEVELOPING A CANADIAN STANDARD FOR FLOOD-RESILIENT EXISTING COMMUNITIES

Flooding is on the rise in Canada and will get worse due to climate change.

The average cost of a flooded basement is over $40,000.

There are many factors that impact flood risk and vulnerability:
- Climate Change & Extreme Weather
- Age of Development
- History of Flooding
- Design Standards
- Proximity to Floodplain
- Land Use Changes
- Topography
- Sewer System Type
- Critical Infrastructure
- Vulnerable Populations

Different types of flooding need different responses:

RIVERINE FLOODING:
Maintain, retrofit and construct new flood control structures.

OVERLAND FLOODING:
Remove snow and debris from overland flow paths.

SEWER BACK-UP:
Install and maintain backwater valves.

FOUNDATION SYSTEM FAILURES:
Maintain positive grade to direct water away from home.

Read more here: www.intactcentre.ca/news/recent-reports

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