

RISK to RESILIENCY

Building Resilient Watersheds to Prevent Flooding

FLOODING IS THE LEADING CAUSE OF PUBLIC EMERGENCY IN ONTARIO

Ontario's 36 Conservation Authorities work in partnership with all levels of government to prevent & manage the impacts of flooding.

PREVENTION: Prevent the Effects of Flooding



CA Floodplain Mapping is Along Watercourses Such as Rivers and Streams



Floodplain Mapping and Modeling



Floodplain Land Use Regulation



Watershed Planning



Stormwater Management



Green Infrastructure / Stewardship



Acquisition of Flood Vulnerable Property



Education

MITIGATION Reduce Flooding

In Ontario, over

133,376

Buildings are in Flood Vulnerable Areas



Conservation Authorities Own and Manage

\$2.7 Billion
Worth of Infrastructure

OPERATE OVER

900

DAMS, DYKES,
CHANNELS &
EROSION CONTROL
STRUCTURES

Provincial Flood Forecasting & Warning Guidelines

=

REDUCED FLOOD IMPACTS

PREPAREDNESS

Prepare for Flooding



Training



Emergency Management Planning

Support to Municipalities



Public Outreach

Public Outreach Programs Teach People to:

1. Plan Ahead

2. Be Prepared

3. Stay Informed

RESPONSE

Taking Action During a Flood



Track Storms and Watershed Conditions



Monitor Rivers, Streams & Lake Levels



Issue Flood Warnings



Post Audit of Flood Event



Assess Overall Damage

RECOVERY

Recovering from Flooding