







# RISK to RESILIENCY

Building Resilient Watersheds to Prevent Flooding

## Conservation Authorities Prevent & Reduce the Impacts of Flooding

Use rainfall, snowfall and runoff data to model how fast the flow may be and to what extent the flooding may happen.

-  Track Radar Information
-  Collect Precipitation Data
-  Snowfall Surveys
-  Model Flood Events




Monitor & Model  
Flood Conditions




Map Areas Prone  
to Flooding

**30,625 km** of floodplains  
have been mapped by CAs

**4%** is Great Lakes Shorelines | **6%** is Inland Waterbodies | **90%** is Rivers & Streams

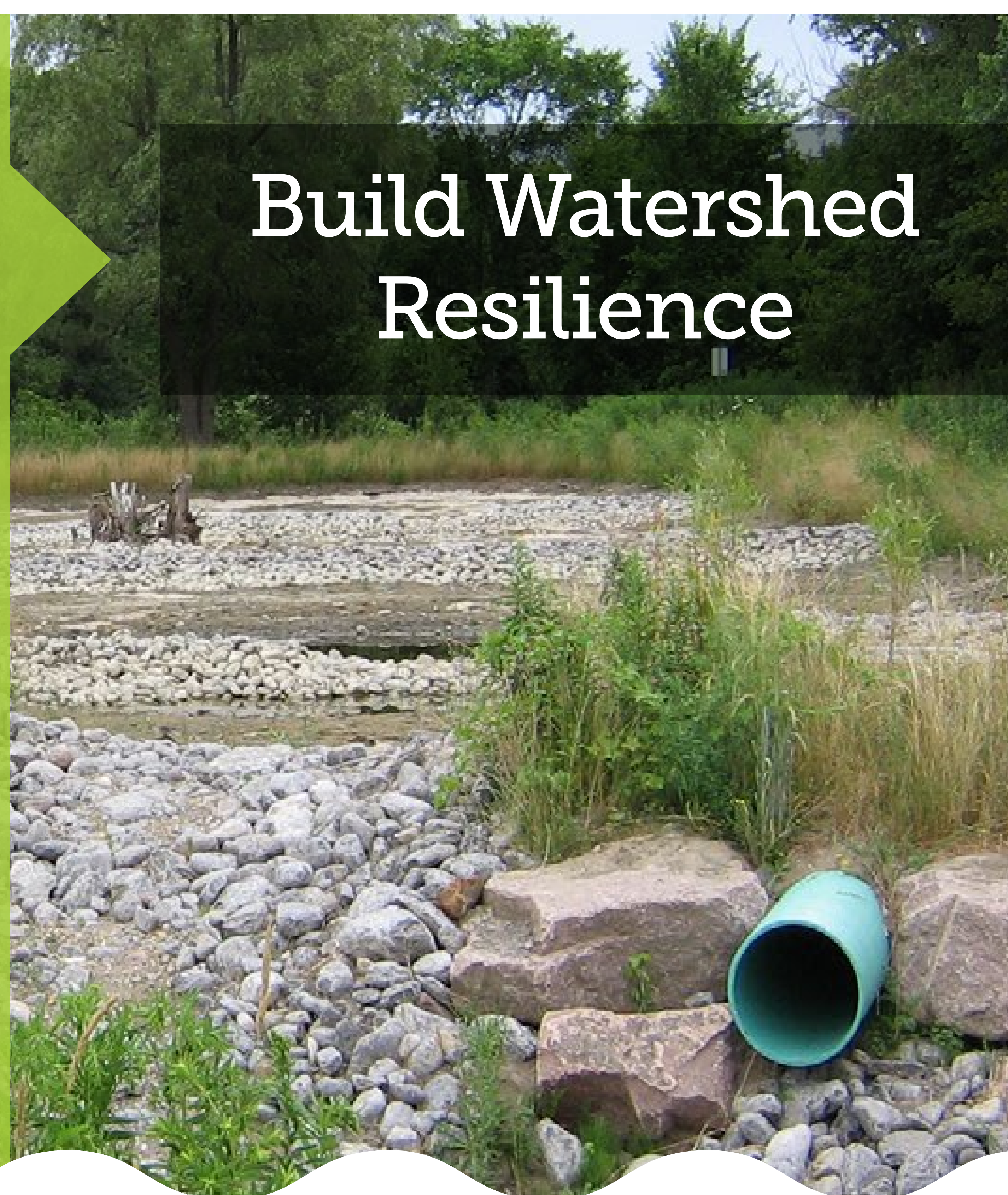
 **23%** of mapping is for High Risk Areas where people live and work

 **74%** of CA mapping needs to be updated in order to keep up with Climate Change Impacts

### Reduce the Impacts of Flooding

#### Stormwater Management

- Low Impact Development is smart design
- Urban and Rural Green Infrastructure including natural areas and green technologies to reduce or prevent run off and protect water quality



Build Watershed  
Resilience

[www.conservationontario.ca](http://www.conservationontario.ca)