

Three Levels of a Flood-Ready Community

Level 1: Residential and Commercial Buildings.

- 1) Provide user-friendly flood risk maps and scores to help homeowners and renters understand risk.
- 2) Provide infographics to help homeowners and renters reduce their flood risk.
- 3) Subsidize home flood protection measures, for example backwater valves, sump pumps, downspout disconnections.
- 4) Engage commercial real-estate property owners in flood resilience.
- 5) Mandate flood resilience measures for new homes, apartments and condos.

Level 2: Community-Based Flood Risk Management.

- 1) Conduct an annual flood risk check-up to assess and prepare for heavy rainfall, river, and coastal flooding.
- 2) Assess how climate change is impacting intense rainfall, river, and coastal flood hazards.
- 3) Identify critical infrastructure vulnerabilities, for example water, transport, and electricity supply and implement risk reduction actions.
- 4) Determine where socioeconomically vulnerable people may require additional adaptation support such as financial assistance.
- 5) Implementation and regularly update flood warning and communication systems, and emergency response plans such as engaging in practice drills.

Level 3: Watershed and Shoreline Management.

- 1) Assess wider influences on river and coastal flood risk to identify solutions that may be located outside of the community.
- 2) Manage or restore existing natural assets to provide flood risk protection.
- 3) Engage with other communities and watershed planning organizations to develop strategic flood solutions.
- 4) Do not develop on current and future rivers or coastal floodplains.
- 5) Work with property owners and encourage them to consider moving away from high-risk areas.

For more detailed guidance, download the Municipal Flood Risk Check-Up and complete it once a year to identify progress and priorities.

For more information and resources visit www.intactcentre.ca