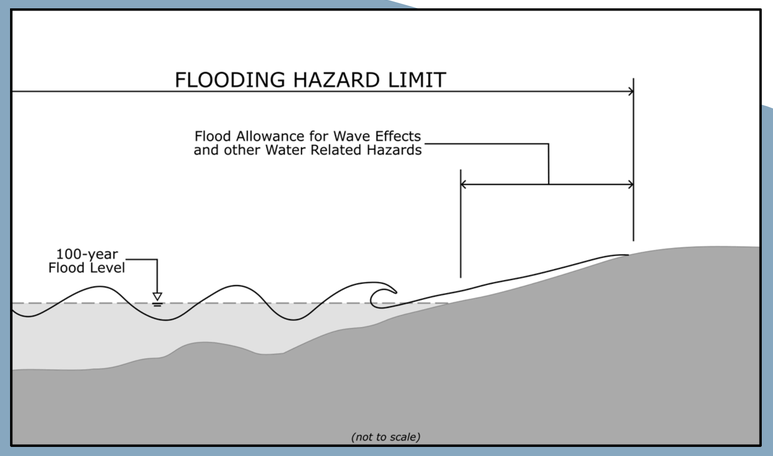
LAKE ONTARIO
coastal resilience pilot project

Hazard Mapping Approach

Natural hazards affecting Great Lakes shorelines are defined in the Technical Guidelines for Great Lakes – St. Lawrence River Shorelines (MNRF, 2001) and the Guidelines for Developing Schedules in Regulated Areas (CO and MNRF, 2005). The Regulated Area is determined by the greatest landward extent of the flooding, erosion, and dynamic beach hazards.

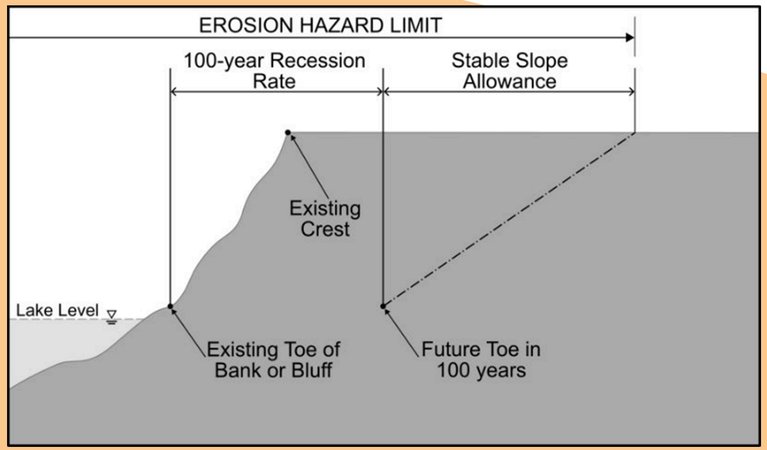
These hazards are provincially mandated and will be applied when creating the mapping for the Conservation Authority.

Flooding Hazard Limit



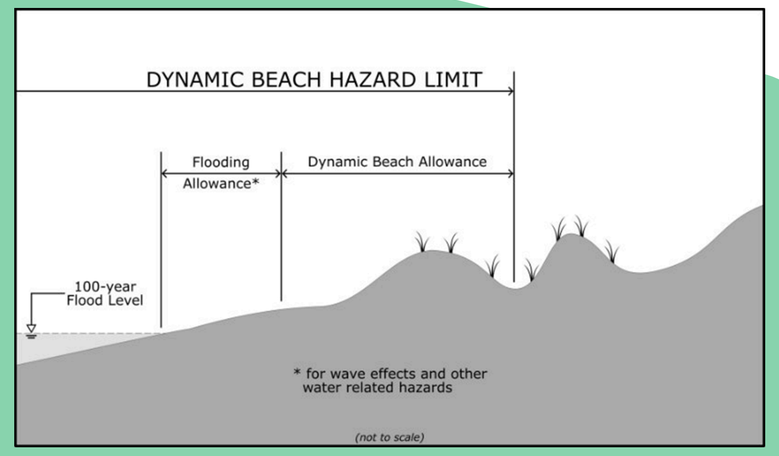
Wave and High Water Level Interaction

Erosion Hazard Limit



Eroding Bank Coastline

Dynamic Beach Hazard Limit



Narrow Sandy Beach

Niagara Peninsula CONSERVATION nature for all

Hamilton Conservation Authority

Conservation Halton

Conservation ONTARIO Natural Champions

DHI

Zuzek inc. ONE WORLD

SJL ENGINEERING

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