

LAKE ONTARIO

coastal resilience pilot project

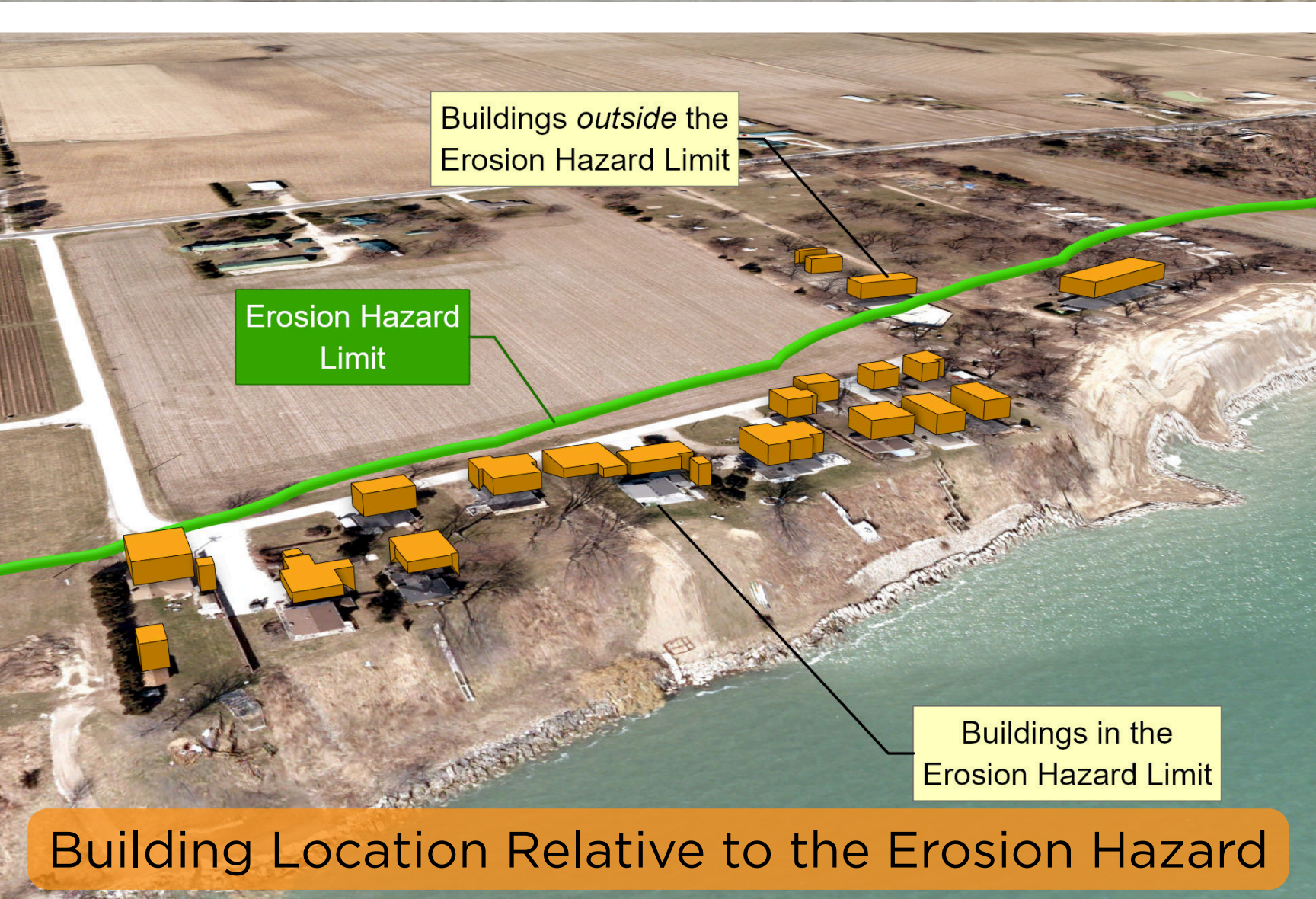
Vulnerability to Natural Hazards

Examples from Other Projects

The new hazard mapping will be used to assess vulnerability to flooding and erosion within Lake Ontario pilot regions.



Wave Overtopping during Storm



Buildings outside the Erosion Hazard Limit

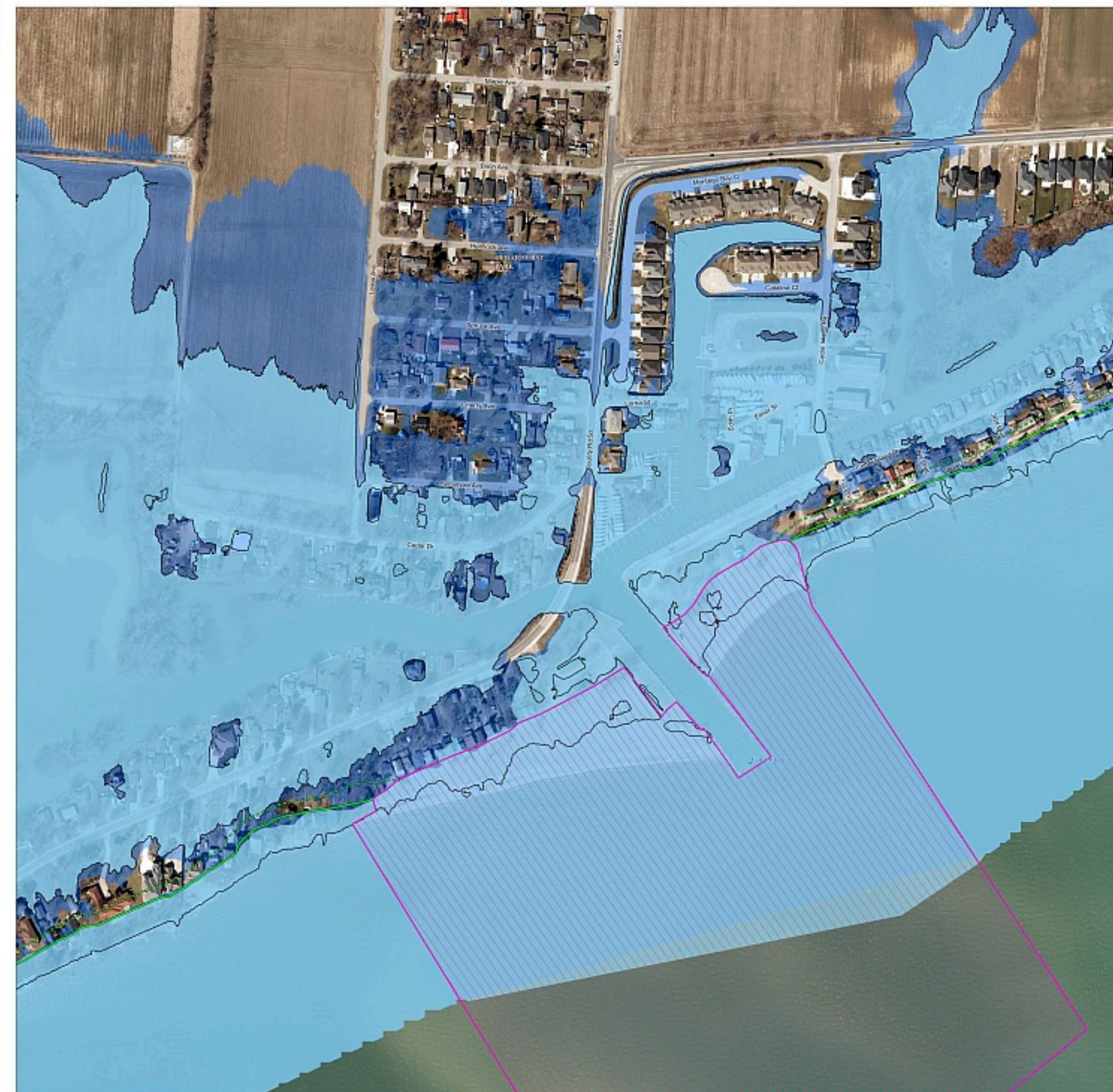
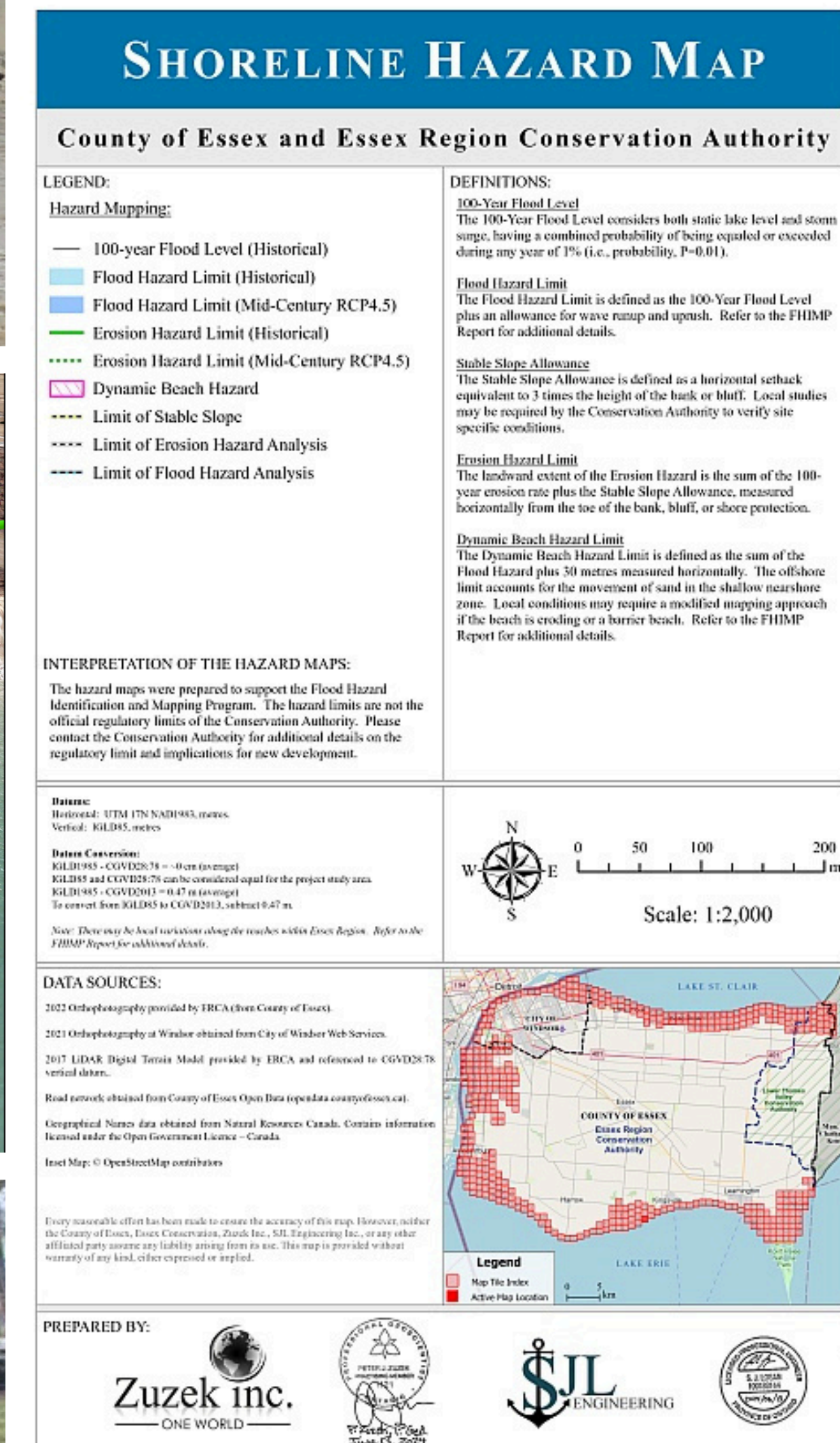
Erosion Hazard Limit

Buildings in the Erosion Hazard Limit

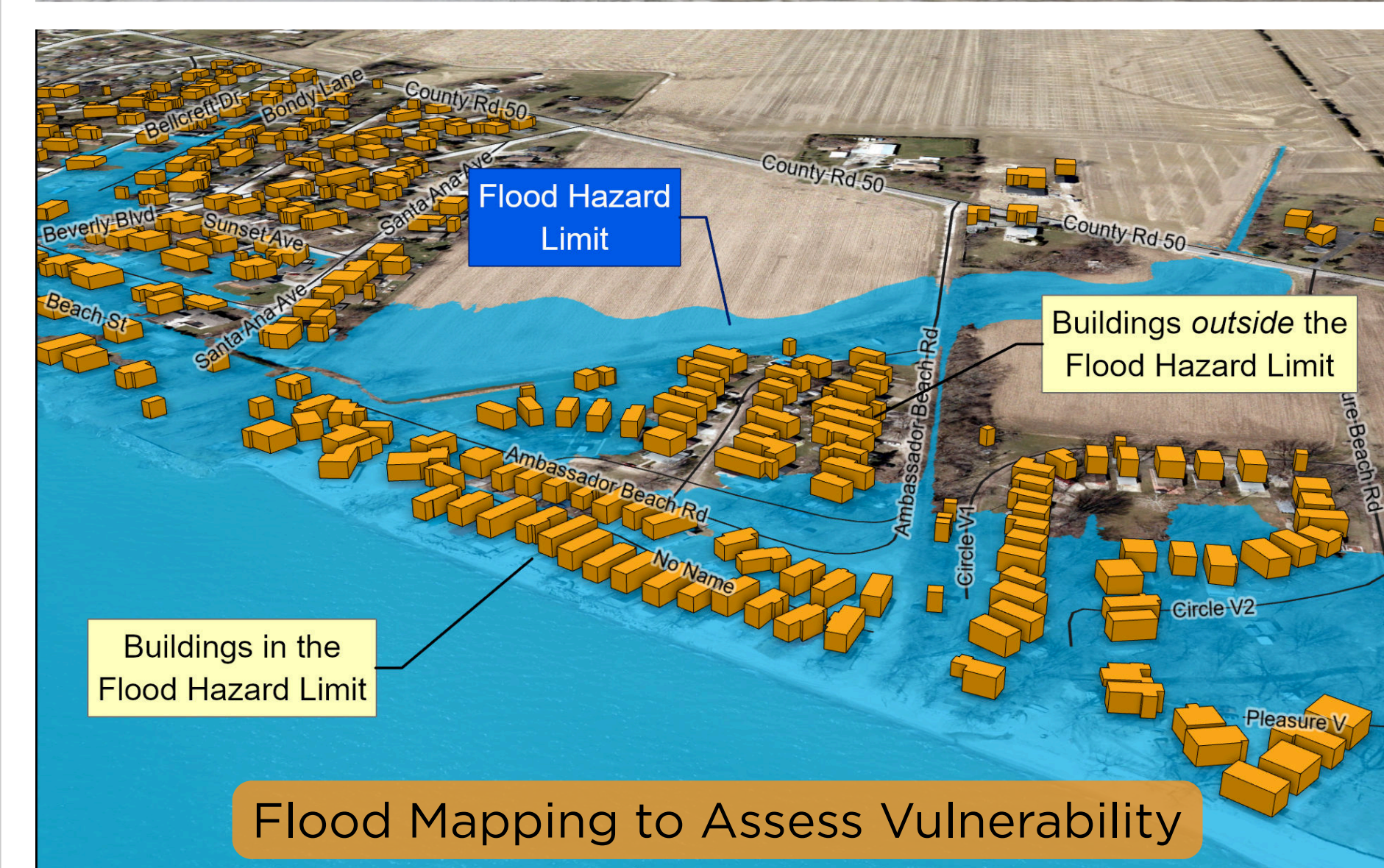
Building Location Relative to the Erosion Hazard



Eroding & Slumping Shorelines



Road Flooding during Storm



Flood Hazard Limit

Buildings outside the Flood Hazard Limit

Buildings in the Flood Hazard Limit

Flood Mapping to Assess Vulnerability



Infrastructure Inundation



Compound Infrastructure Flooding



Aging & Inadequately Designed Infrastructure