

Wayne County

Coastal Lakeshore Economy And Resiliency Initiative

Steering Committee Meeting # 3
July 1st 2021

AGENDA

- I. **Welcome** – DOS
- II. **Project Activities to Date** - Ramboll
- III. **Risk Assessment Process** - Ramboll
- IV. **Committee Feedback** – Ramboll / Elan
- V. **Next Steps** - Elan



Photo: Port Bay Improvement Association



Welcome

Chris Bauer, DOS

Meeting Attendees

Steering Committee Members:

- Jason Haremza, Genesee Finger Lakes Regional Planning Council
- Brian Pincelli, Wayne County Planning Department
- David McDowell, Mayor, Village of Sodus Point
- Lynn Chatfield, Supervisor, Town of Wolcott
- Phillip Eygnor, Supervisor, Town of Huron
- Frank Robusto. Supervisor, Town of Ontario
- Amanda Krenning-Muoio, NY Farm Bureau, Region 2
- Kristy Fowler, Pier 53 Fowler Marinas and Restaurant
- Lindsey Gerstenslager, Wayne County Soil & Water Conservation District
- Tom Hart, Eastern Lake Ontario Dunes Coalition
- David Klein, The Nature Conservancy

Project Team Members

State Representatives:

- Chris Bauer, NY Department of State (DOS)
- Nancy Martel, DOA
- Karen Catcher, DOS
- Bernadette Schilling, NY Department of Environmental Conservation (DEC)
- Karis Manning, DEC
- Tim Walsh, DEC

Consultants:

- Paul Romano, Ramboll
- Julie Conroy, Ramboll
- Lisa Nagel, Elan
- Laura Lourenco, Elan

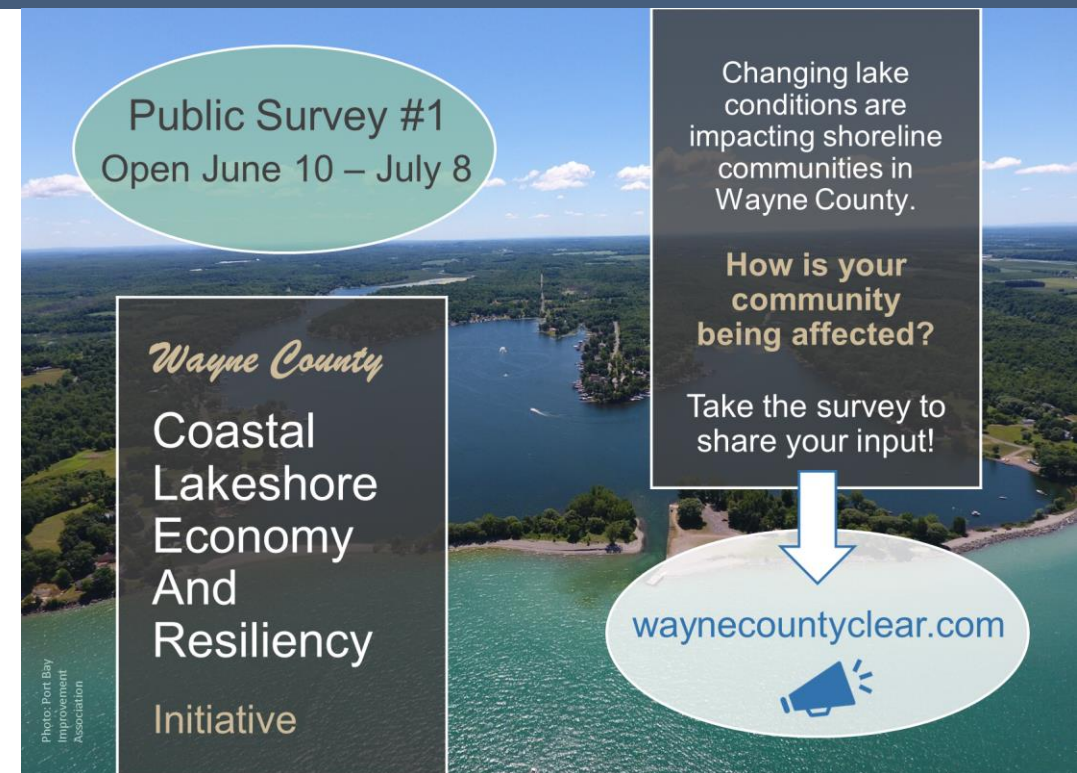
An aerial photograph of a large body of water, likely a lake or bay. A narrow strip of land, covered in green trees, runs diagonally from the bottom right towards the center. To the right of this strip is a wide, sandy beach. The water is a deep blue-green color. In the background, there are more landmasses and a clear blue sky.

Project Activities to Date

Julie Conroy, Ramboll

Progress to Date

- ✓ Look & Listen tour with the Steering Committee
- ✓ Community Meeting & Survey
- ✓ Asset ideas collected and documented within a working comprehensive list



Asset Types

CULTURAL + NATURAL RESOURCES Water Bodies | Wetlands & Habitat Areas | Parks & Recreation

ECONOMIC Navigable Waterways | Marina/
Water Based Business &
Restaurants

INFRASTRUCTURE Transportation | Stormwater/
Wastewater/ Water Supply

HOUSING Public Housing Properties



50

Assets in Total
(from REDI & Committee
Feedback)

23 | Economic

15 | Cultural + Natural Resources

11 | Infrastructure

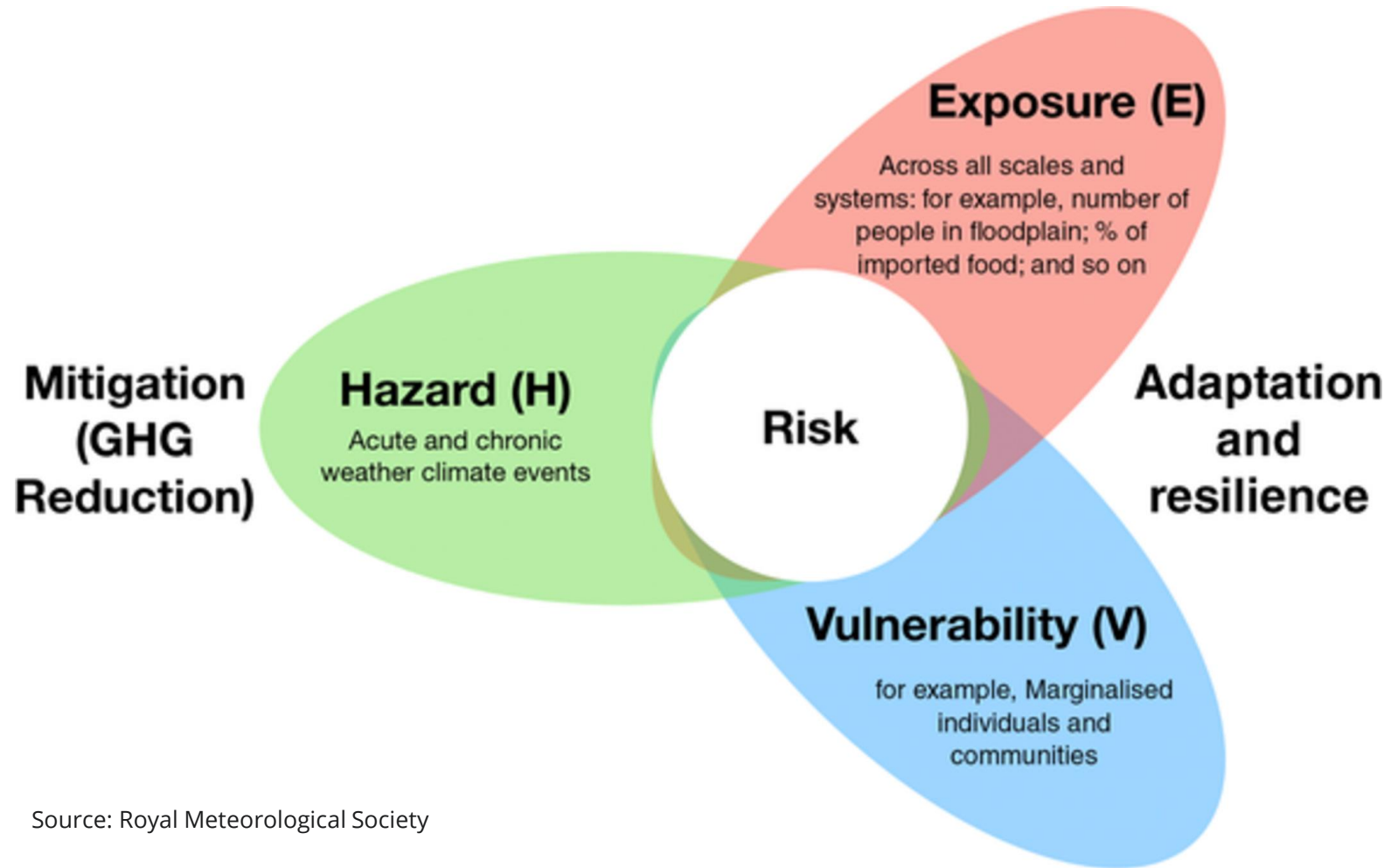
1 | Housing

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Risk Assessment Process

Shaun Gannon, Ramboll

What is Risk?



Source: Royal Meteorological Society

Why Assess & How?

Risk assessment - helps identify assets with elevated potential for storm damage

- Tools Used:
 - Department of State (DOS) Risk Assessment Tool*
 - DOS Risk Area Maps
 - FEMA Flood Insurance Rate Maps
 - NYS Critical Infrastructure database
 - Site Photos and ortho Imagery
 - Natural Resource Conservation Service (NRCS) Soil Database
 - Coastal Erosion Hazard Map
 - CEHA Maps

Risk Assessment Scoring Scheme

Landscape Attribute Score	Erosion Rate: long-term average erosion rate is 1 foot or more per year, or unknown				
	Water Line: frequently in contact with shore defense structure or upland natural feature				
	Shore Defenses: are shoreline structures constructed to anticipate storm or high-water level conditions?				
	Vegetation: protective vegetation or wetlands between asset and flood/erosion source				
	Protective Natural Features: between asset and flood/erosion source (e.g., bank, bluff, dune, beach)				
	Soils: erosive or poor soils (e.g., barrier spit or filled wetland), or absorptive soils (e.g., healthy wetland)				
	Score: Automatically generated based on "Yes" or "No" responses in the Asset Inventory worksheet.				
Hazard Score	E.g., 100-year event is 3 - automatically entered into the Risk Assessment Tool				
Exposure Score	Automatically generated based on the risk area in which the asset is located and landscape attribute scores.				
Vulnerability Score	Identify vulnerability of the asset. Select the appropriate score from the dropdown menu:				
	1	>>> Insignificant	(Descriptions vary depending on asset class. See Vulnerability Score tab.)		
	2	>>> Minor			
	3	>>> Moderate			
	4	>>> Significant			
	5	>>> Major			
Risk Score	Automatically generated based on hazard, exposure, and vulnerability scores.				

Feedback Needed

In addition to the risk, other factors also contribute to determining which assets should be protected, how soon, and their priority to community members:

- Contribution to life safety
- If the asset is a critical facility for public health and safety
- Value of asset to the community
- Environmental protective features, such as dunes, bluffs, and stabilizing vegetation
- Capacity of the asset to adapt

Risk Tool Output

Risk assessment completed for assets identified during REDI (projects not implemented)

*example output,
Not final

	Town	Village	Asset Name	REDI Asset Name	Asset Class	Score
WA.1	Huron		Port Bay	Port Bay Barrier Bar	Natural_and_Cultural_Resources	
WA.23	Huron		Sodus Bay Breakwater	Sodus Bay Breakwater	Natural_and_Cultural_Resources	
WA.18	Williamson		Pultneyville Harbor	Pultneyville Harbor	Economic	
WA.12	Sodus		Camp Beechwood	Camp Beechwood	Economic	
WA.17	Williamson		Hughes Marina	Hughes Marina	Economic	
WA.36		Sodus Point	South Shore Drive	South Shore Drive	Infrastructure_Systems	
WA.44	Huron		Chimney Bluff State Park	Chimney Bluff State Park	Natural_and_Cultural_Resources	
WA.29	Wolcott		Wolcott Water Intake	Wolcott Water Intake	Infrastructure_Systems	
WA.45	Huron		Leroy Island Bridge	Leroy Island Bridge	Infrastructure_Systems	
WA.64	Huron		Bay Bridge (Ridge Road)	Bay Bridge (Ridge Road)	Infrastructure_Systems	
WA.8	Ontario		Ontario Main Wastewater Pump Station	Ontario Main Wastewater Pump Station	Infrastructure_Systems	
WA.26		Sodus Point	Featherly Drive	Featherly Drive	Infrastructure_Systems	
WA.34		Sodus Point	Lakestones Drive	Lakestones Drive	Infrastructure_Systems	
WA.46	Huron		Eagle Island Marina	Eagle Island Marina	Economic	
WA.9	Ontario		Ontario Water Intake	Ontario Water Intake	Infrastructure_Systems	
WA.41	Huron		DEC Access North of Beaver Creek Unit	DEC Access North of Beaver Creek Unit	Natural_and_Cultural_Resources	
WA.65	Williamson		Hollands Cove Properties	Hollands Cove Properties	Housing	
WA.66	Williamson		Williamson Water Intake	Williamson Water Intake	Infrastructure_Systems	
WA.28	Wolcott		Port Bay Marina & Campground	Port Bay Marina & Campground	Economic	
WA.40	Sodus		Sodus Water Intake	Sodus Water Intake	Infrastructure_Systems	
WA.58	Huron		Pier 53	Pier 53	Economic	
WA.61	Huron		Fowlers Marina	Fowlers Marina	Economic	
WA.31		Sodus Point	Sand Point	Sand Point	Natural_and_Cultural_Resources	
WA.62	Huron		Davenport's & Son Boat Livery Marina	Davenport's & Son Boat Livery Marina	Economic	
WA.63	Huron		Bay Bridge Bait and Tackle Marina	Bay Bridge Bait and Tackle Marina	Economic	
WA.68	Ontario, Williamson,		Outlets of Tributaries	Outlets of Tributaries	Natural_and_Cultural_Resources	
WA.47	Huron	Port Bay	The Bayfront Restaurant	The Bayfront Restaurant	Economic	
WA.60	Huron		Oak Park Marina	Oak Park Marina	Economic	
WA.7	Ontario		Public Boat Launch and Seawall	Public Boat Launch and Seawall	Economic	
WA.59	Huron		Skippers	Skippers	Economic	
WA.25	Williamson		B. Forman Park	B. Forman Park	Natural_and_Cultural_Resources	
WA.39		Sodus Point	Ball field and Municipal Parking Lots	Ball field and Municipal parking lots	Natural_and_Cultural_Resources	
WA.10	Ontario		Ontario Dr. Stormwater Outlets			



Committee Feedback

Julie Conroy, Ramboll / Laura Lourenco, Elan

Feedback Needed

Risk Assessment V. Prioritization

Qualitative criteria is needed to prioritize what's important to the community, including:

- Community Value
- Social Vulnerability

Community Value

What meaning does the asset hold to the community?

- Contribution to public health and safety?
- Contribution to local economy?
- Contribution to community character (e.g., historic/cultural value?)
- Other environmental protective features?

Social Vulnerability

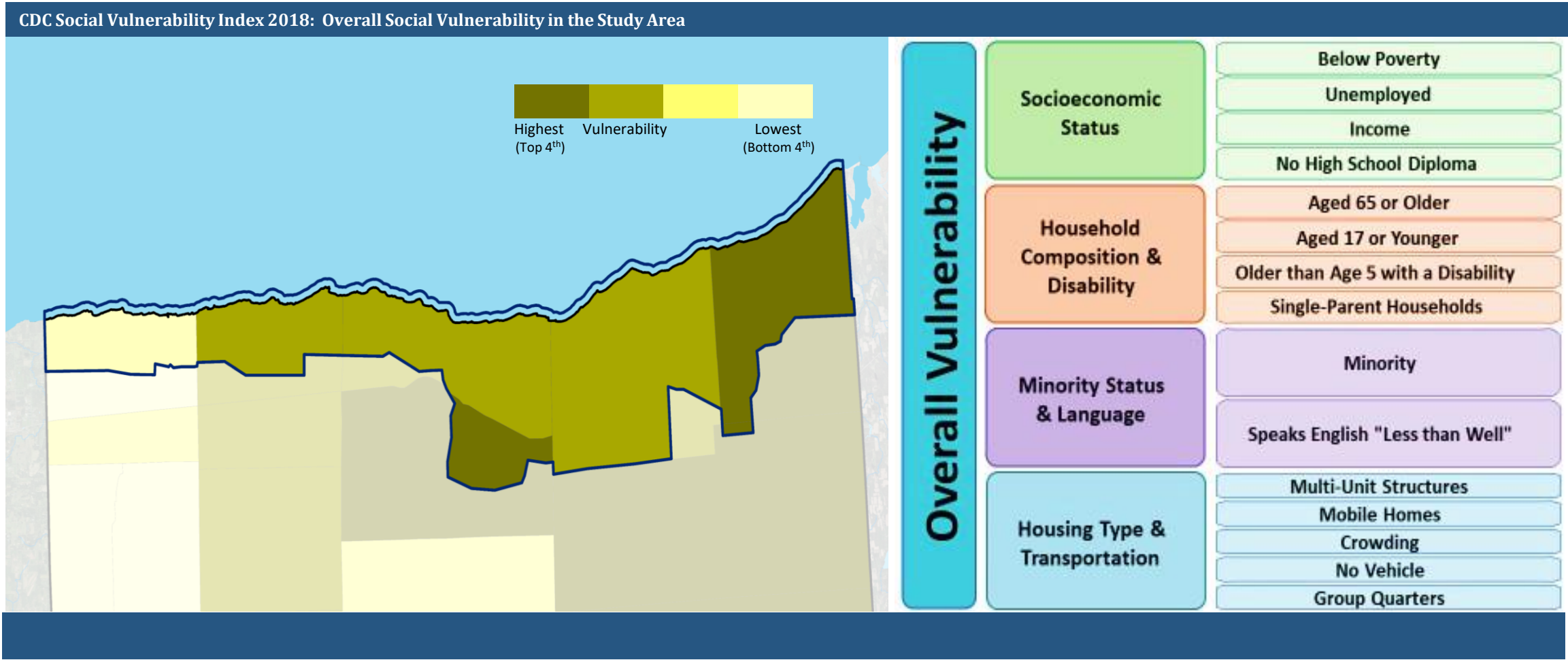
Groups that may be more at risk from flooding due to factors such as limited mobility, English proficiency, or lower income.

Feedback Needed – Community Value

Assets Added by Committee

#	Town	Village	Asset Name	Type	
C1	Huron		Chimney Bluff State Park	Natural Features (parks)	
C2	Wolcott		Lake Shore Marshes Wildlife Management Area	Natural Features (parks)	
C3	Ontario		Lakeside Cemetery	Cultural/Religious	
C4	Ontario		Ginna Nuclear Power Station	Infrastructure	
C5	Williamson		Pultneyville Yacht Club	Marinas/Tourist, recreation and other businesses	
C6	Williamson		Businesses in Pultneyville Marina	Marinas/Tourist, recreation and other businesses	
C7	Williamson		Pultneyville - Fishing Access	Tourism, entertainment and other businesses	
C8	Sodus		Maxwell Bay - Fishing Access	Tourism, entertainment and other businesses	
C9	Sodus		Salmon Creek - Fishing Access	Tourism, entertainment and other businesses	
C10	Sodus	Sodus Pt	Sodus Lighthouse (Mainland)	Tourism, entertainment and other businesses	
C11	Sodus	Sodus Pt	Sodus Bay (West Side) - Charter Boats, Boat Launches, Marinas	Marinas/Tourist, recreation and other businesses	
C12	Sodus		Connelly's Cove - Businesses and Public Docks	Marinas/Tourist, recreation and other businesses	
C13	Huron		East Bay Barrier Bar*	Natural Features	
C14	Huron		Drumlines Along Shoreline	Natural Features	
C15	Huron & Wolcott		Port Bay - Access During Low Water Levels	Tourism, entertainment and other businesses	
C16	Wolcott		Port Bay - Businesses and Campgrounds	Marinas/Tourist, recreation and other businesses	
C17	Wolcott		Shoreline Erosion	Natural Features	

Feedback Needed – Social Vulnerability





Next Steps

Lisa Nagle, Elan

Next Steps



Public Engagement: Survey ongoing and final collection of asset ideas through **July 8th**



Committee Input: Review SV maps to provide additional input for SC Meeting #4



Risk Assessment: for community assets identified by Committee



Steering Committee Meeting #4: Tentative – September 2

An aerial photograph of a large, winding lake with a central island. The lake is surrounded by dense green forests and some residential areas with houses and docks. The water is a deep blue-green color. The sky is blue with scattered white clouds. A dark grey rectangular box is overlaid at the bottom center of the image, containing the text "Thank You !".

Thank You !