



Development of a Coastal Resilience Framework & Pelee Coastal Resilience Committee

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Agenda

- I. Welcome, Land Acknowledgement and Introductions
- II. Committee Name
- III. Resilience Definition
- IV. Review of Vision and Goals for Committee
- V. Governance
- VI. NRCan RFP
- VII. Next Steps



I – WELCOME, LAND ACKNOWLEDGEMENT AND INTRODUCTIONS





Land Acknowledgement

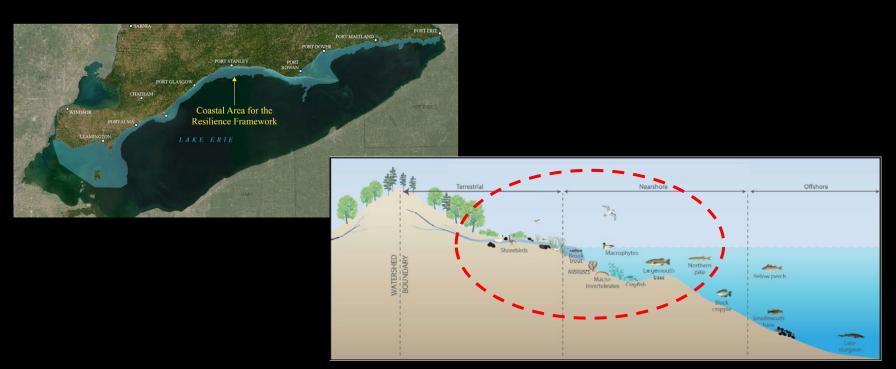
Point Pelee National Park is on the traditional territory of the Three Fires Confederacy of First Nations, comprised of the Ojibwa, the Odawa, and the Potawatomi, and represented by Walpole Island and Caldwell First Nations.

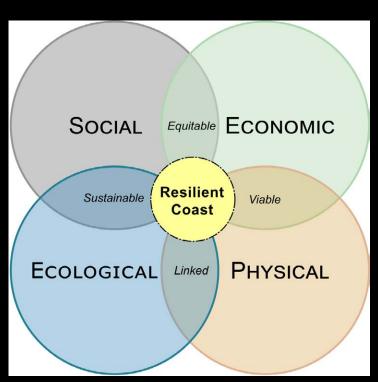
We acknowledge the caregivers of these lands and waters and all the moccasins that have travelled them over time.



Key Aspects of the Framework

- The coastal area is an integrated social, economic, ecological, and physical system
- Scale is a defining aspect of the framework (littoral cells)
- All of society approach (by everyone for everyone)





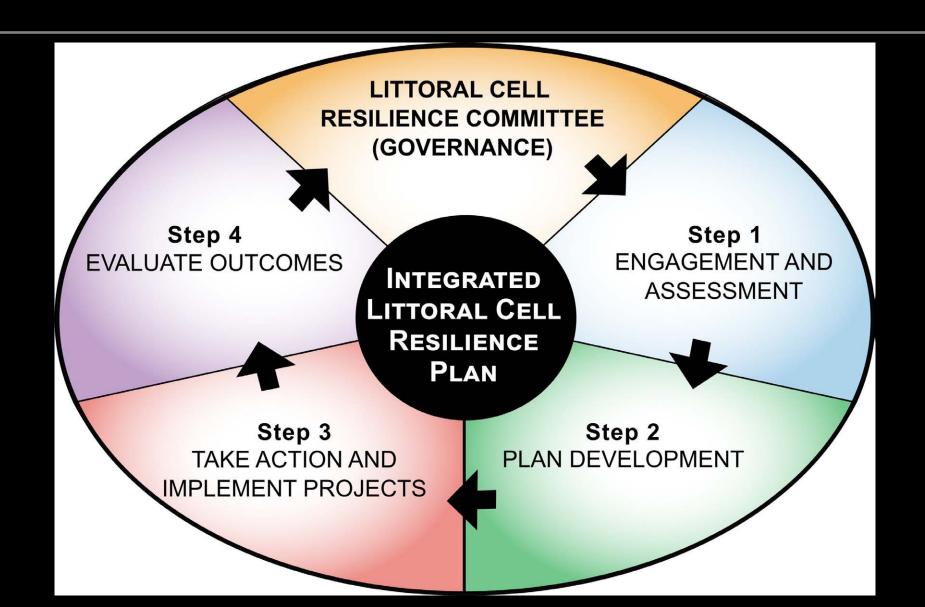


Lake Scale





Littoral Cell Scale





II – COMMITTEE NAME

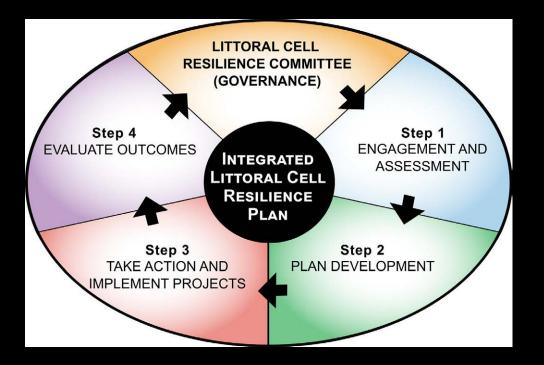




For Discussion

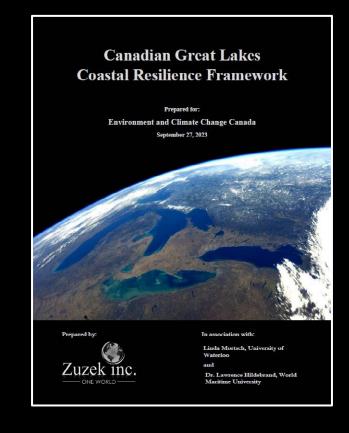
Suggest: Pelee Coastal Resilience Committee

Will develop a 'Pelee Littoral Cell Resilience Plan'





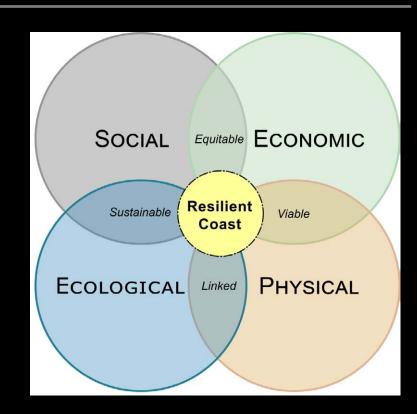
III - RESILIENCE DEFINITION





Resilience Definition from Framework Report

- [Coastal] Resilience is the capacity of social, economic, ecological, and physical systems in coastal areas to cope with a hazardous event, trend, or disturbance, responding and reorganizing in ways that maintain their essential function, identity, and structure, while also building capacity for learning, innovative and equitable adaptation, and transformation.
- A resilient coastal area features a healthy coastal environment that protects against current hazards, the impacts of climate change, and strives to maintain dynamic coastal processes





IV – REVIEW OF VISION AND GOALS FOR COMMITTEE





Context from the Resilience Framework document

- "Great Lakes coastal resilience ethos"
 - Coastal areas are dynamic, integrated social, economic, ecological, and physical systems
 - Systems perspective (nearshore to upland linked, littoral cell), scale matters, nested
 - "All-of-society-approach" includes stakeholders, landowners, rights holders, and federal, Indigenous, provincial, regional and municipal governments
 - Collaborating, co-creating, "by everyone for everyone"
 - INTEGRATION in coastal planning, management, coordination, stewardship, and investment
 - Capacity to respond to range of current and emerging/future challenges, stresses and threats



Vision from Resilience Framework document

- VISION ...
 - Promote resilient coastal areas through collaborative development of strategic plans at varying spatial scales and timeframes that respect the complex and interconnected nature of the coastal system, and in ways that empower partners



Discussion - Vision

- Does this VISION RESONATE with you and reflect our intent (set in context)?
 - Is it appropriate for the Pelee Littoral Cells?
 - Are changes needed to reflect local values and conditions?



Goals from Resilience Framework document

• GOALS ...

- Promote <u>integrated coastal governance</u> through the development of Lake Resilience Councils for each lake. [Whole lake scale and initiatives]
- Develop integrated resilience plans for littoral cells, or another appropriate management unit, with an all-of-society approach to increase resilience of communities and ecosystems to coastal hazards and climate change.
- Provide opportunities for <u>knowledge transfer</u> including western science and Indigenous Traditional Knowledge (with their free and prior and informed consent), to further resilience planning and prioritize knowledge gaps to provide direction for future research.
- Promote and encourage <u>implementation of adaptation projects</u> at varying scales, including lot or parcel level, community to regional scale, and transformative projects



Discussion - Goals

- Are the Goals applicable and reasonable for the Pelee Coastal Area to guide the process?
 - Are changes needed to reflect local values and conditions?



LITTORAL CELL RESILIENCE COMMITTEE

GOVERN, PLAN, AND EXECUTE

- 1) Embraces 'all-of-society' approach.
- 2) Refine lakewide vision for individual cells.
- 3) Provide backbone support for plan development and implementation.

INTEGRATED

LITTORAL CELL

RESILIENCE

PLAN

Step 1

ENGAGEMENT AND ASSESSMENT

- 1) Engage all-of-society on resilience assessment.
- 2) Establish social, economic, environmental and physical baseline.
- 3) Document state of coastal system and existing challenges.
- 4) Assess coastal vulnerability and risk.
- 5) Prepare report on findings.

EVALUATE OUTCOMES

Step 4

SHORT TERM (1-2 years)

- -All-of-society collaboration on Resilience Plans.
- -Document system state and vulnerable areas/systems.
- -Stewardship programs developed.

MEDIUM TERM (3-5 years)

 Integrated coastal governance and planning leads to solutions and implementation.

LONG TERM (5+ years)

- -Improved resilience of coastal ecosystems.
- -Communities embrace coastal resilience ethos and improve quality of life.

Step 3

TAKE ACTION AND IMPLEMENT PROJECTS

- 1) Continue implementing coastal stewardship programs.
- 2) Plan outputs support planning and regulation activities.
- Implement solutions at appropriate scales (lot by lot, community-scale, or large complex transformative adaptation projects).
 - 4) Protect and restore habitat to increase the resilience of nature.

Step 2

PLAN DEVELOPMENT

- 1) Pursue funding and pool resources.
- 2) Start implementation of stewardship programs at the regional scale.
- 3) Design local or lot scale solutions.
- 4) Develop community-scale adaptation plans.
- 5) Co-develop and design transformative adaptation plans.
- 6) Document Actions in Integrated Littoral Cell Resilience Plan.





Governance Discussion

Committee Chairs for Remainder of the FY: Pete Zuzek and James Knott

- Future Governance Structure (what is needed):
 - Committee insights will inform further development of the Resilience Framework
 - Rotating Chair?
 - Website?
 - https://zuzekinc.com/resilienceframework/
 - Communications Protocol (e.g., local media)



VI – NRCAN RFP CLIMATE RESILIENCE COASTAL COMMUNITIES





Path Forward for Submission

- Due December 13th, 2023
- Zuzek Inc. will lead the submission
- Summary of call with NRCan (19th Oct.)
- Target for matching funds is approximately \$300k
- Plus, in-kind support from non-federal members will also be included
- A template for a Letter of Support will be circulated
- Questions



VII – NEXT STEPS





Schedule of Future Activities

- Planned Meetings:
 - November 24 ,2023
 - January 26, 2023
 - February 23, 2023

- NRCan submission:
 - Due December 13, 2023
 - Draft workplan and budget near end of November
 - Draft written submission by early December 2023
 - Submitted on December 12, 2023



MEETING ADJOURNED

