

Climate-Ready NL

Let's do this!

MNL Symposium - 2 May 2025

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*Our Newfoundland and Labrador
municipal sector-representing team*

Climate-Ready NL

1. Sector-wide Climate Adaptation Campaign

- A. Core adaptation concepts and oversight
- B. Baseline climate data gathering, compilation and interpretation
- C. Climate-informed emergency planning
- D. Natural asset adaptation options

2. Climate-Ready Emergency Planning

3. Facilitating Watershed-Scale Adaptation

Project Lead: **Dr. Kathleen Parewick**
kparewick@municipalnl.ca

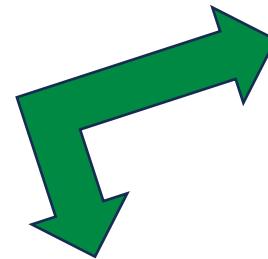
2024-2032 opportunities



The screenshot shows the website for the Green Municipal Fund. At the top, there are logos for the Green Municipal Fund (a green stylized 'G' icon), Fonds Municipal Vert (French), and FCM (French Council of Municipalities). Below the logo, there is a navigation menu with links to FUNDING, LEARNING CENTRE, OUR WORK, and ABOUT. The main content area features a large image of two diverse women in professional attire and hard hats, smiling and looking at each other. Below this image, the text "Local Leadership for Climate Adaptation" is displayed in large white letters on a green background. Underneath, it says "Community-based climate adaptation initiative". At the bottom of the screenshot, there is a breadcrumb navigation: "Home > Local Leadership for Climate Adaptation".

<https://greenmunicipalfund.ca/local-leadership-climate-adaptation>

\$530M – 1,400 communities



Climate-Ready Plans and Processes

Helping municipalities develop comprehensive climate adaptation strategies



Feasibility study: Adaptation in Action

Funding for climate adaptation through municipal services



Implementation projects: Adaptation in Action

Empowering municipalities to thrive in a changing climate



OUR TEAM



Activity 1
Sector Campaign
Risks and Hazards
Mapping
Climate data
compilations

Activity 2
Climate-Informed
Emergency
Planning
(*Deep dive*)

Activity 3
Watershed-Scale &
Nature-based
Solutions
(*Deep dive*)

Technical guidance

Conservation Corps NL (CCNL)
Climate education content advisors,
Adaptation Intern intake

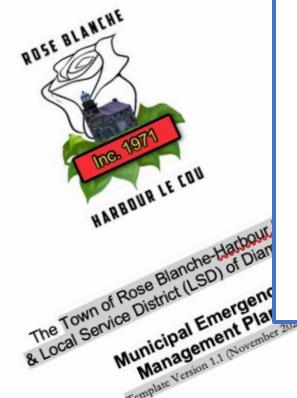
Leila Beaudoin, videographer
Grenfell Campus, MUNL

Field and project research supports
College of the North Atlantic

Geomatics support, training
Fire & Emergency Services
Existing provincial training collaborations

Natural Assets Initiative (NAI)
Train-the-trainer provider

CLIMAtlantic, other collaborators
Miscellaneous supports



2

Town of Northern Arm
Emergency Management Plan
May 13th 2014
Revised January 2023

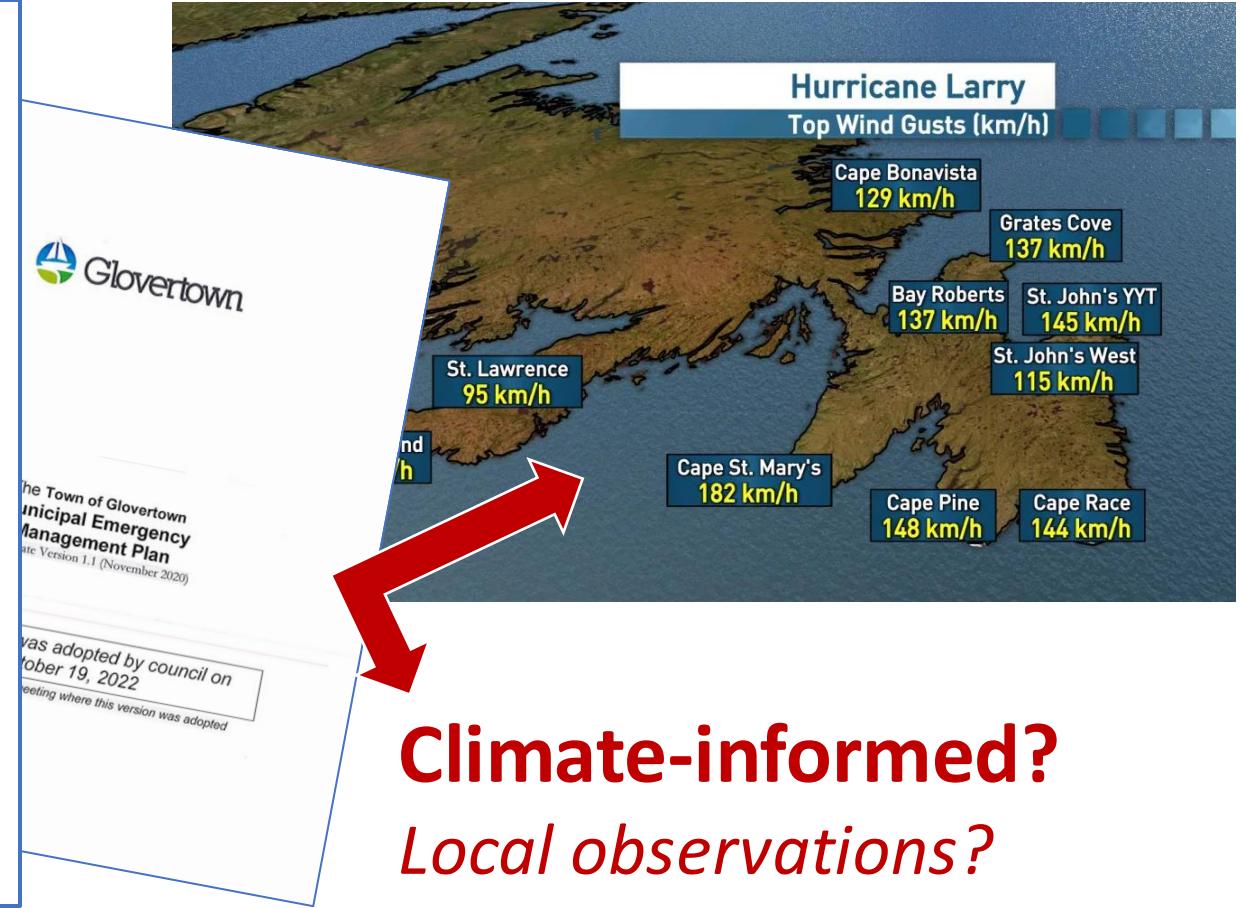


1

This version was adopted by council on
Insert date here
Municipality of Rose Blanche-Harbour Le Cou & Local
Service District of Diamond Cove



fundamental
inc



Climate-informed?
Local observations?
Extreme weather events?
Sea-level rise?
Storm surge?
Slope movement?

**Nature-based?
Nature-positive?
Natural assets?
Eco-assets?
Watershed-scaling?**



<https://naturalassetsinitiative.ca/>

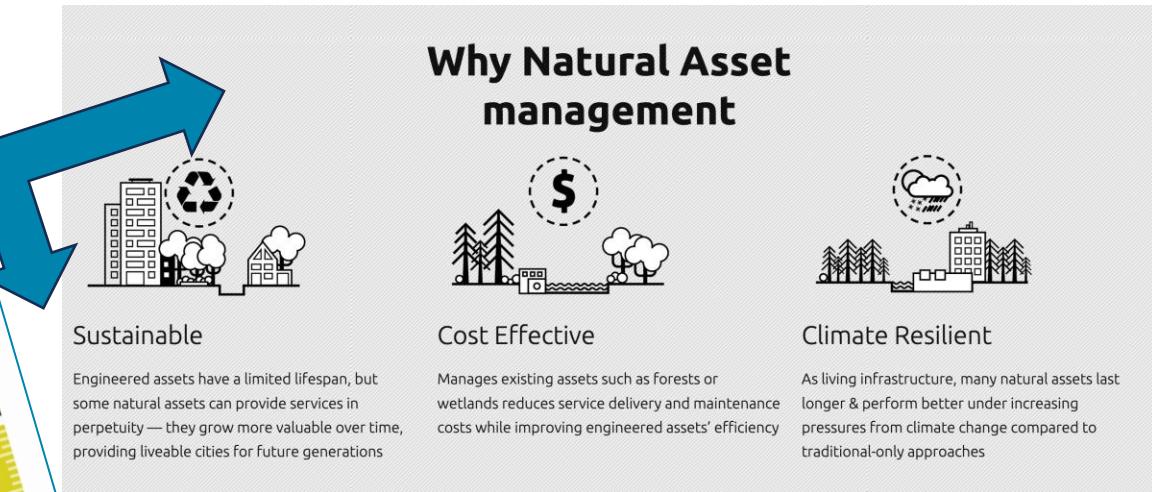


TABLE 2: SUMMARY OF NATURAL ASSETS BY TYPE

NATURAL ASSET TYPE	NUMBER OF ASSETS	TOTAL AREA (HA)	AVERAGE ASSET AREA (HA)	MAX ASSET AREA (HA)
Pasture / Forages	19	54.9	2.89	7.82
Forest	3,143	711.4	0.23	29.57
Wetland	1,524	190.0	0.12	4.09
Water Body	96	8.5	0.09	2.74
Grassland	176	15.4	0.09	0.85
Total	4,958	980.2	3.42	45.07

3





THE VALUE PROPOSITION

What you will walk away with in 2 years:

- *Climate data compilation, specific to your community area*
- *Climate Risks and Hazards map*
- *Climate-informed Updates to your Emergency Plan*

OR

Nature-based Adaptation Options Report

Why this is beneficial and worth your time?

- *Timely access to next-steps adaptation funding*
- *Climate lens details to support your other projects and applications*
- *Unlocking other tools, networks and potential partnerships*



GETTING STARTED

Seeking 100 participating municipalities

Climate-Ready NL Kit (\$150 value): Town pays \$50.00

Municipal Time Commitment: 30 person-hours total

- To help organize and attend your climate hazard mapping event
- To review/edit your draft map and report
- To support your fire department (75) / SAM Committee efforts (25)

Project Team Commitment:

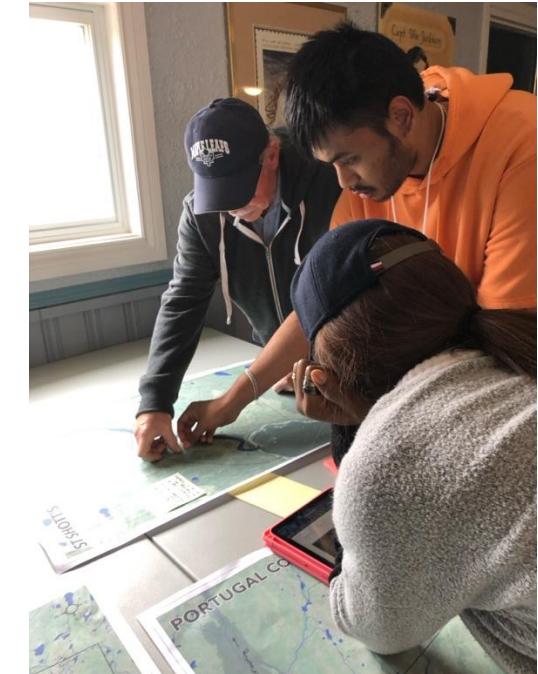
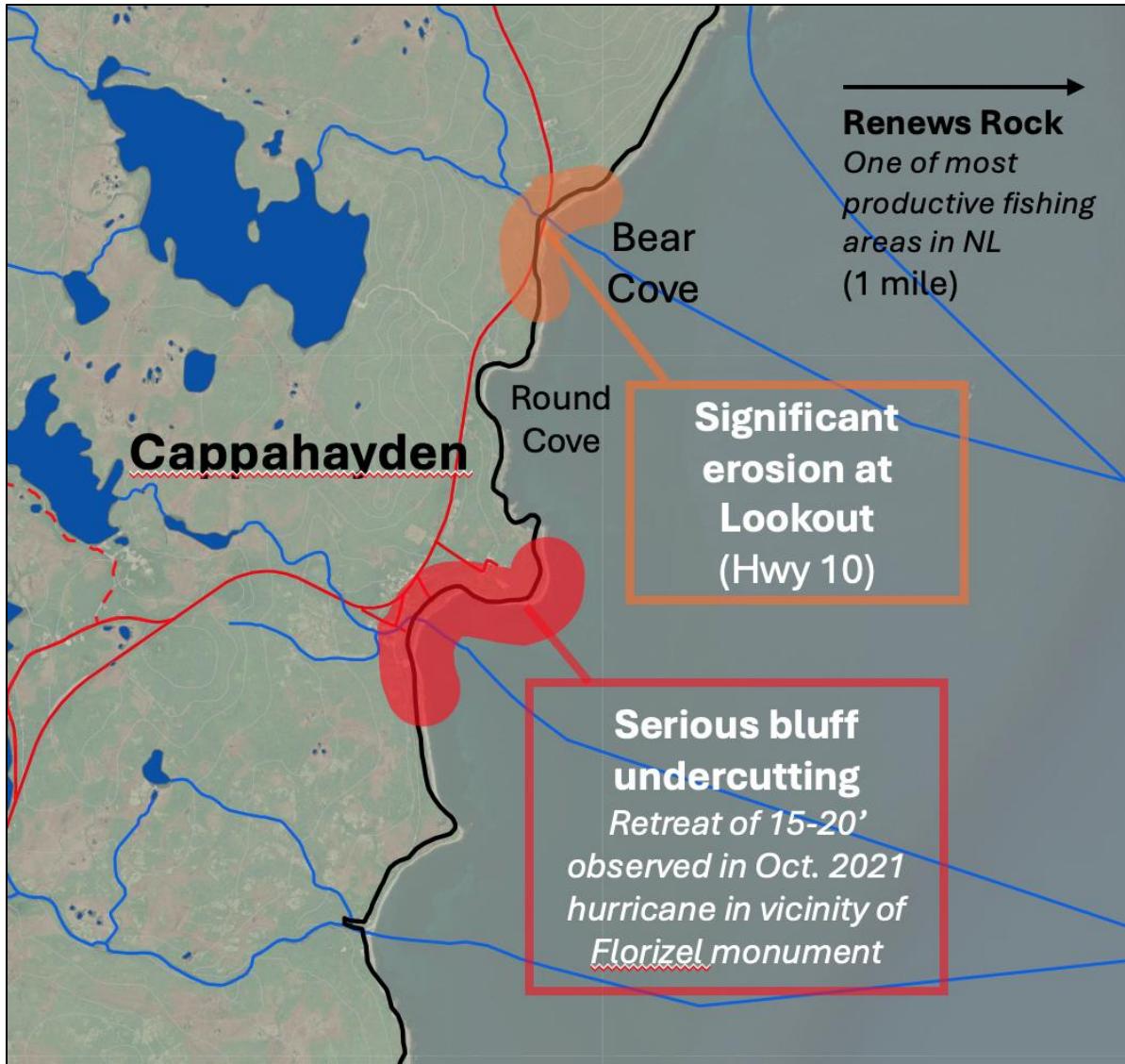
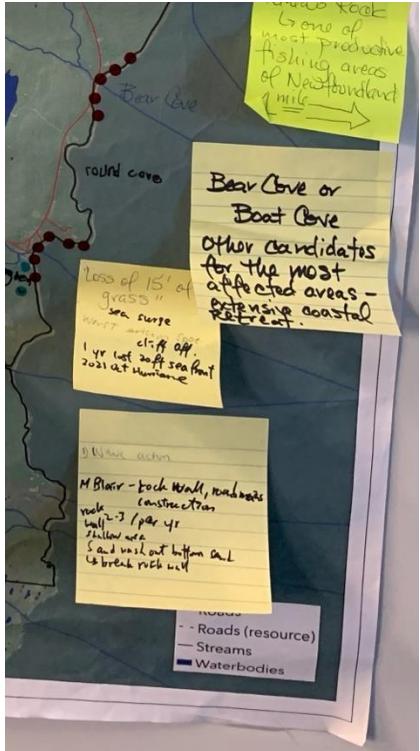
- One Town staff person
- One elected official
- One fire department member / SAM Committee liaison



**Create a climate risks and hazards
profile for your town**



CLIMATE HAZARD MAPPING





Coastal Erosion *Undercutting*



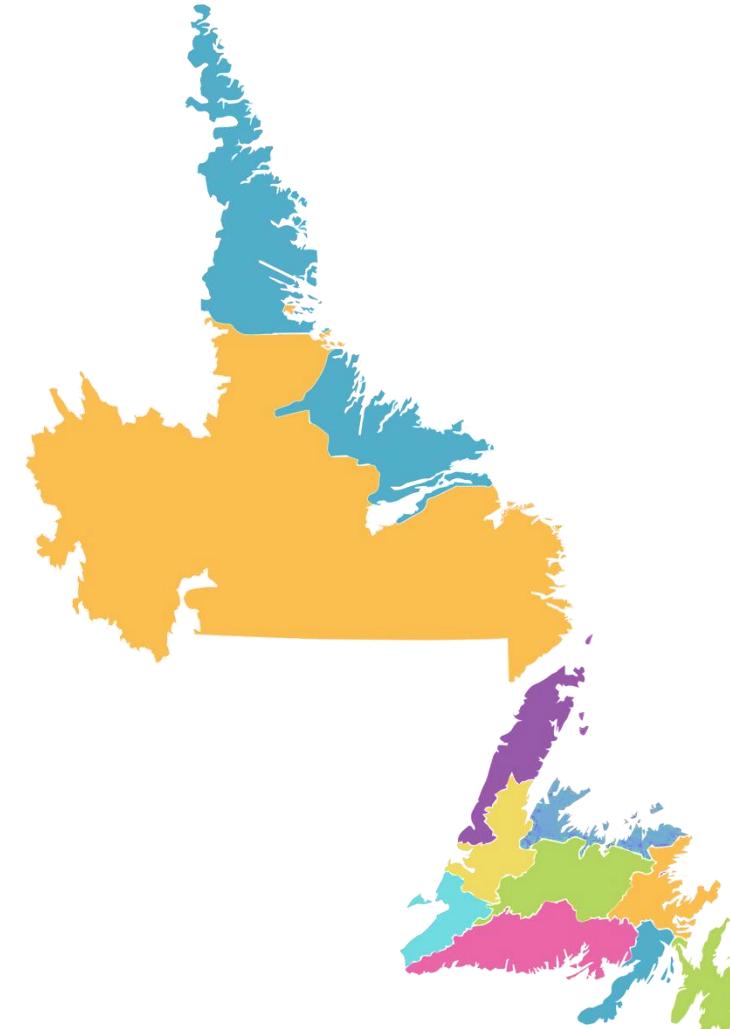
Flooding & Slope movement



REGION-SPECIFIC CLIMATE DATA SUMMARY

Region-specific projected Climate Data will be provided:

- *Temperature changes*
- *Precipitation changes and storm intensity information*
 - *Inland flooding*
 - *Coastal flooding*
- *Wind changes*
- *Relative sea level rise*
- *Wildfire vulnerabilities*
- *Other data as appropriate*





Hand-out time!

So let's do this...

- A. Note your **Entry Form** for a chance to *waive the \$50 kit fee for your town and a \$50 gift card for YOU!*
- B. Take a couple of minutes to fill out the ***lower section*** of your Climate-Ready NL “*What We’re Seeing in...*” sheet - use the “**Lived Experience**” column.
- C. THEN ***compare notes*** with your neighbours...

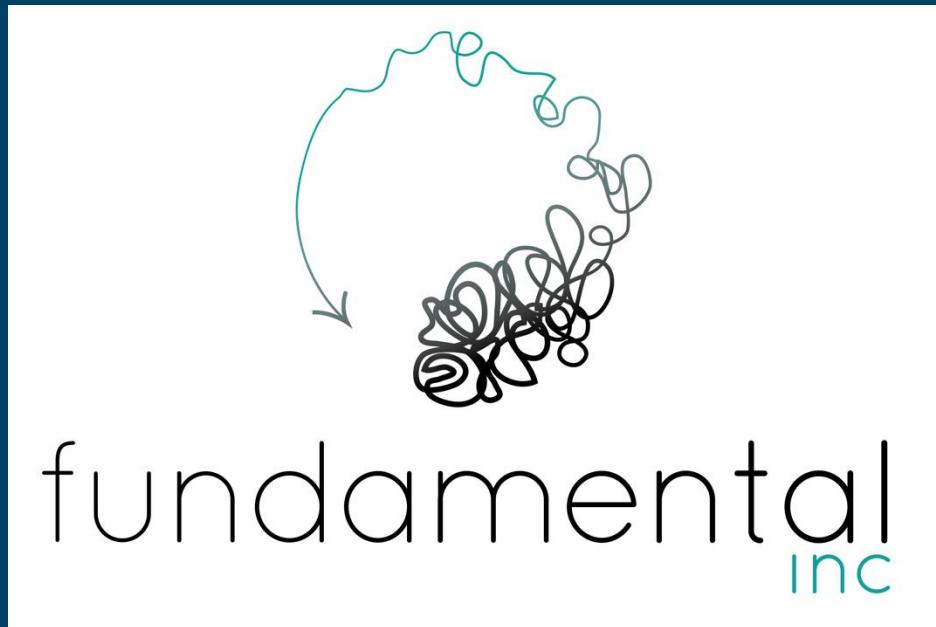
Let's get Climate-Ready!

climate
READYNL



Questions?

Come visit us at the MNL booth!



Municipalities
Newfoundland and Labrador