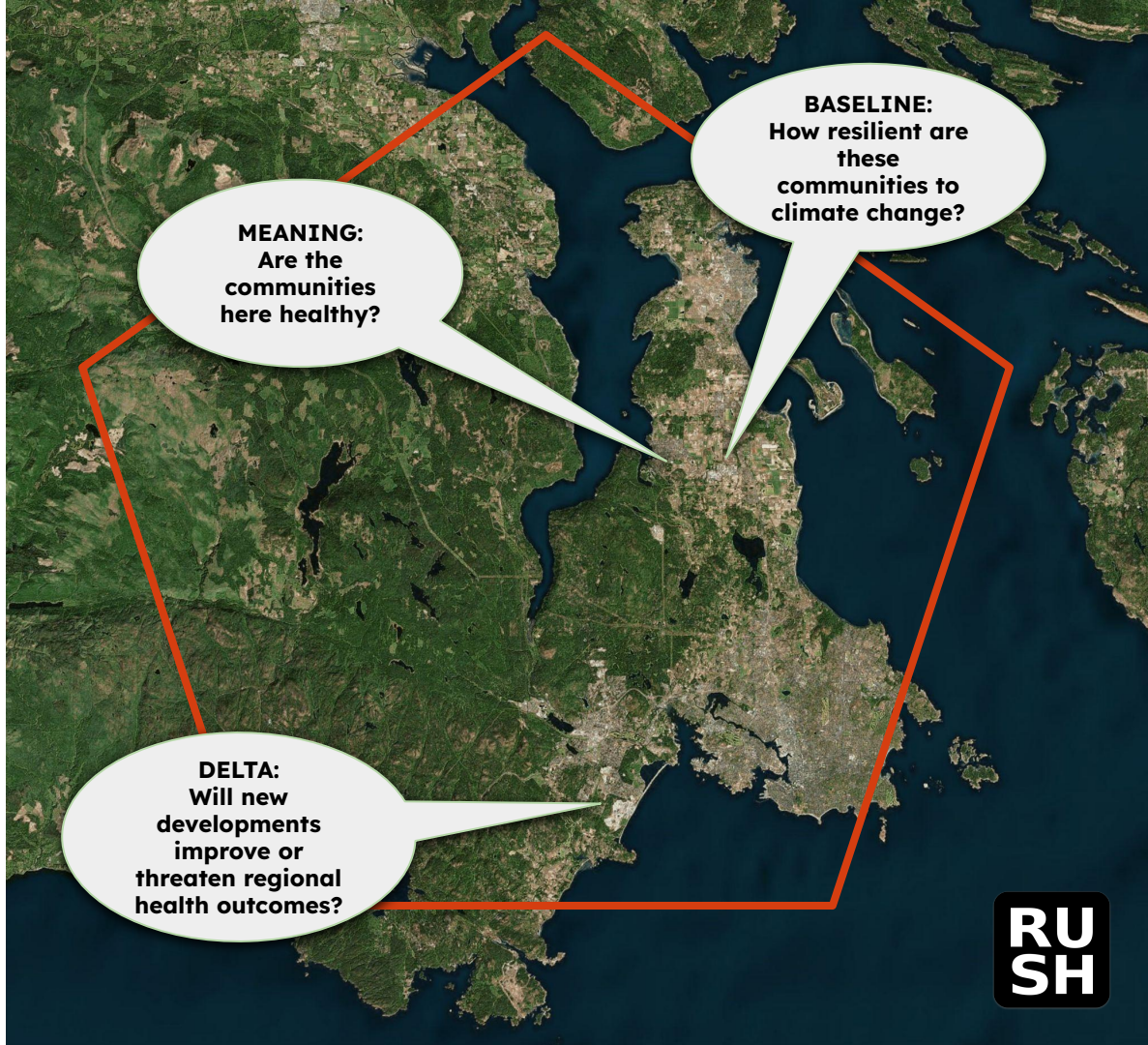




The Resilient Urban Systems & Habitat Initiative

whatstherush.ca



MEANING:
Are the
communities
here healthy?

BASELINE:
How resilient are
these
communities to
climate change?

DELTA:
Will new
developments
improve or
threaten regional
health outcomes?

**RU
SH**



engage with
Nature-Based Solutions

NATUR&D

NATURnD.COM



*Streams
&
Peninsula
Shorelines*



QUADRA CEDAR HILL
COMMUNITY ASSOCIATION



SEACHANGE
MARINE CONSERVATION SOCIETY



ReImagine
West Shore Community



University
of Victoria
Community-
Engaged
Learning



dataforgoodvancouver



Tech for
Nature



GREATER VICTORIA
PLACEMAKING
NETWORK



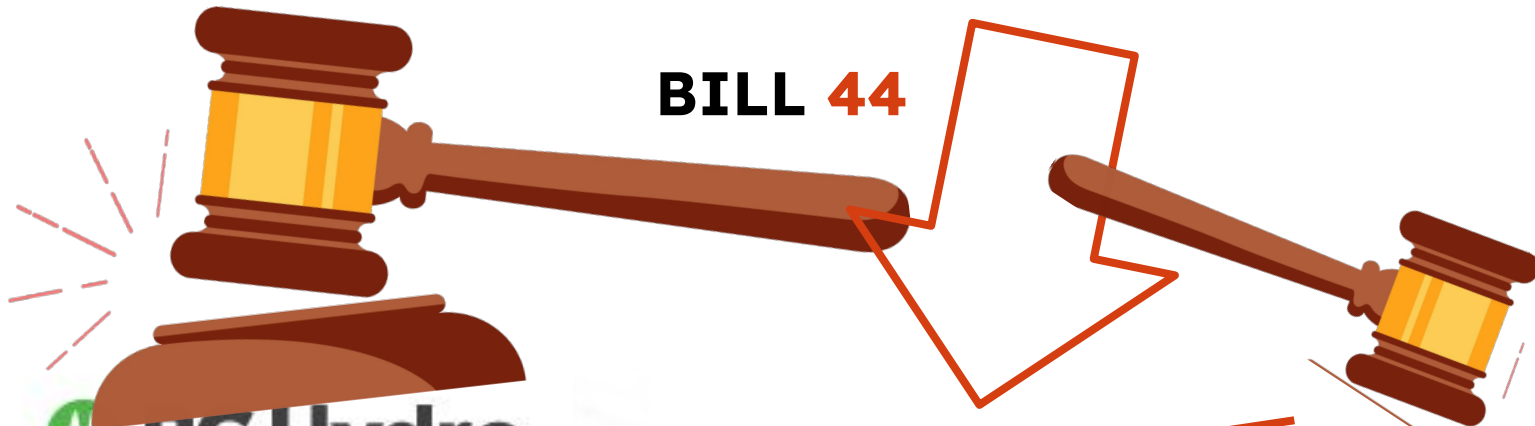
CLAREMONT
SECONDARY SCHOOL



Parkland
Secondary



BILL 44



~~Infrastructure upgrades~~

~~Official community plans~~

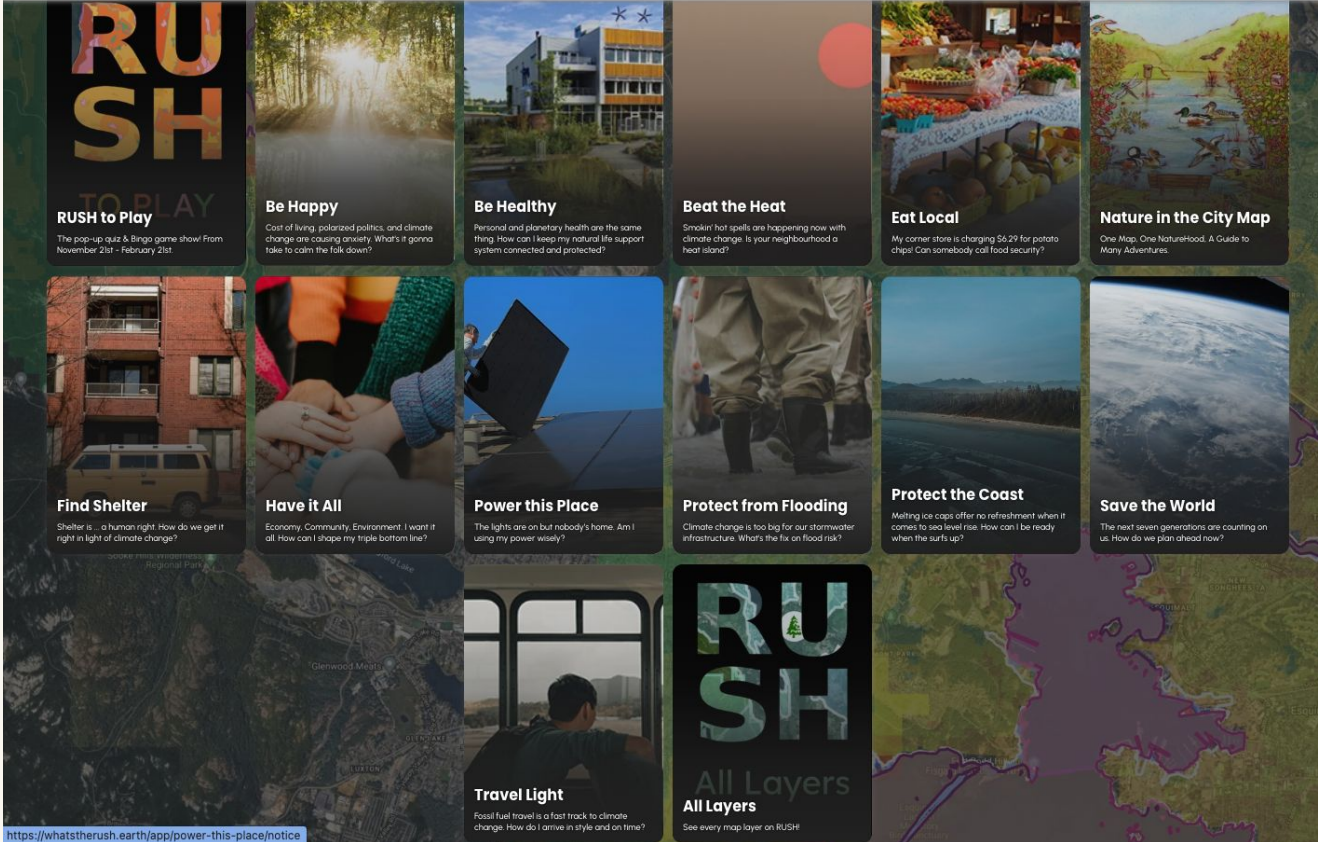
~~Zoning bylaws~~

~~Tree bylaws~~



No more forced choice





RUSH:

A community-focused, interactive mapping platform that integrates:

- Environmental & climate-risk data
- Social infrastructure & belonging indicators
- Housing, food systems, & Nature-based solutions
- Community-generated data & local knowledge

Designed in **plain language**, visually intuitive, and built for **non-technical users**.



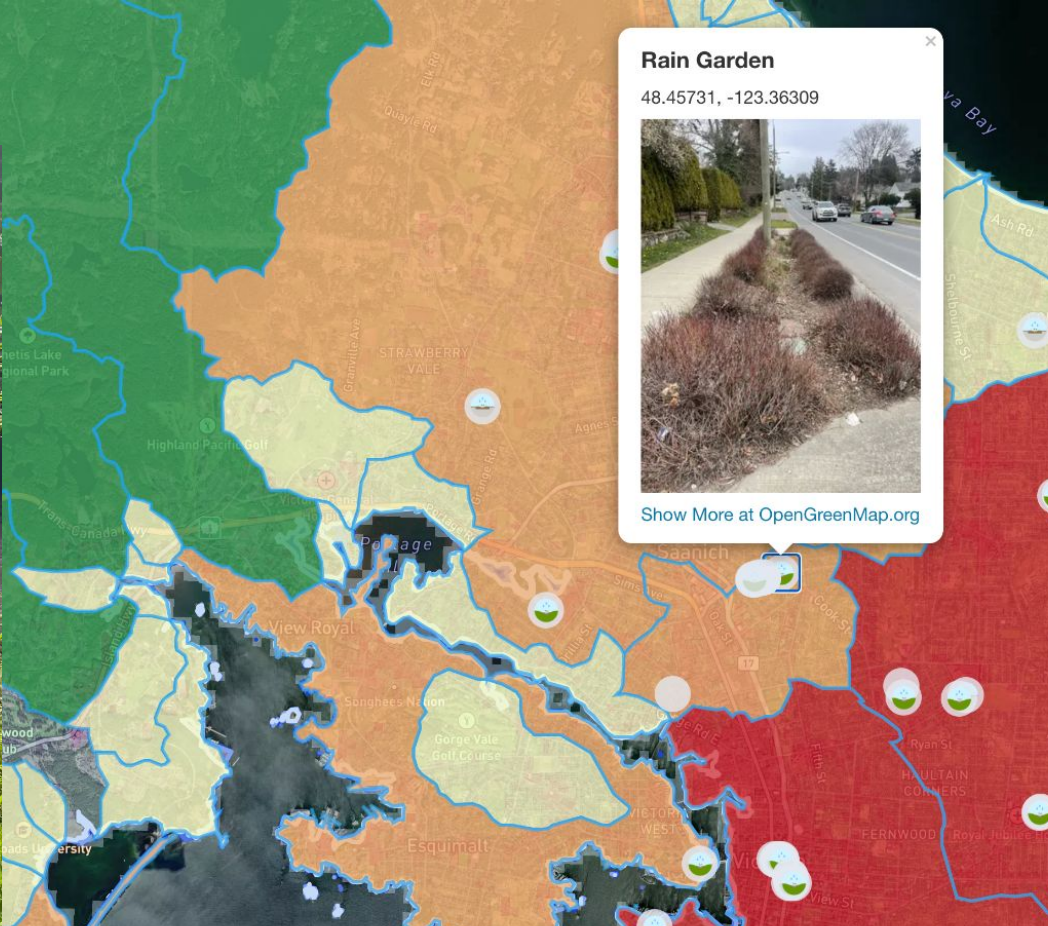
Where I'm
standing is
where 1 meter
of sea level rise
comes to

So everyone can...

1. | Assess the scene
2. | Connect the call to action
3. | See the difference

Protect from Flooding

Climate change is too big for our stormwater infrastructure. What's the fix on flood risk?



Rain Garden

48.45731, -123.36309



Show More at [OpenGreenMap.org](https://www.opengreenmap.org)

Legend

Click here for information about each layer

Starting Place

- Impervious Surfaces (2019)
- Watershed Potential Absorption

Watershed Potential Absorption

- Runoff Much Higher
Runoff >127,029 m³ more than Potential Absorption
- Runoff Higher
Runoff 42,343 to 127,029 m³ more than Potential Absorption
- Near Capacity
Runoff within 42,343 m³ of Potential Absorption
- Absorption Higher
Potential Absorption 42,343 to 127,029 m³ more than Runoff
- Absorption Much Higher
Potential Absorption >127,029 m³ more than Runoff

The relationship between extreme precipitation and permeable/absorption surfaces is complex and can vary depending on various factors such as geography, land use, and climate conditions. However, in general terms:

Extreme precipitation refers to unusually high amounts of rainfall or snowfall within a specific period, often leading to flooding, landslides, or other water-related hazards. This map uses a hypothetical event with a total rainfall of 100mm, a similar daily value to what many areas received in November 2021 where parts of the Lower Mainland were flooded.

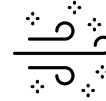
RUSH Goals



CornellLab
Merlin



Interactive
plotting toolbox



Status reports for
neighbourhoods

Events near me



Beach clean ups,
cultural events,
community meetings

Community
conversations





- | Reconciliation by respecting the indigenous way of life
- | Created for the non-technical audience
- | Open access software, citizen science tools & community mapping
- | **Observable, measurable** and **replicable** collective actions with results.
- | Showcasing all that's happening

HÍSWKE
Thank you



whatstherush.earth
annemarie@naturnd.com