

Cadboro Bay LOCAL AREA PLAN

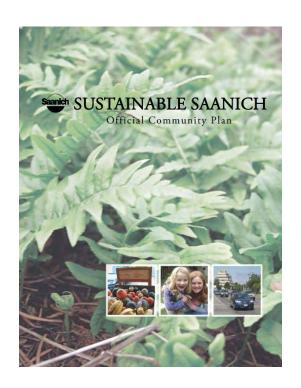


Natural Areas & Community Amenities Workshop January 26, 2019

Our Ecosystems in a Changing Climate



SUSTAINABILITY IN SAANICH



Saanich vision
Saanich is a sustainable community where a healthy natural environment is recognized as paramount for ensuring social well-being and economic vibrancy for current and future generations.





UPDATED CLIMATE PLAN

- Become a 100% Renewable Energy
 Community by 2050
- Reduce our GHG emissions by 80% from 2007 Levels by 2050
- Prepare for a Changing Climate

Integrates Mitigation (reducing GHG emissions) and Adaptation (preparing for impacts)

PLANNING HIGHLIGHTS We are here **Engagement Engagement Engagement** PHASE 3 PHASE 4 PHASE 1 PHASE 2 PHASE 5 PHASE 6 **Project Initiation Exploring Options** Scenario & **Review & Refine Plan Adoption** Implementation & Baseline **Option Analysis** Spring/Summer 2018 Spring/Summer 2019 Summer/Fall 2019 Ongoing Fall/Winter 2017 Fall/Winter 2018

Council

Check-In

ACTION AREAS:

Council

Check-In

- 1. Transportation
- 2. Buildings
- 3. Consumption & Waste
- 4. Food & Agriculture
- 5. Climate Adaptation
- 6. Leading By Example

Public Adaptation Priorities:

- Protect/enhance natural assets
- Adapt buildings and infrastructure

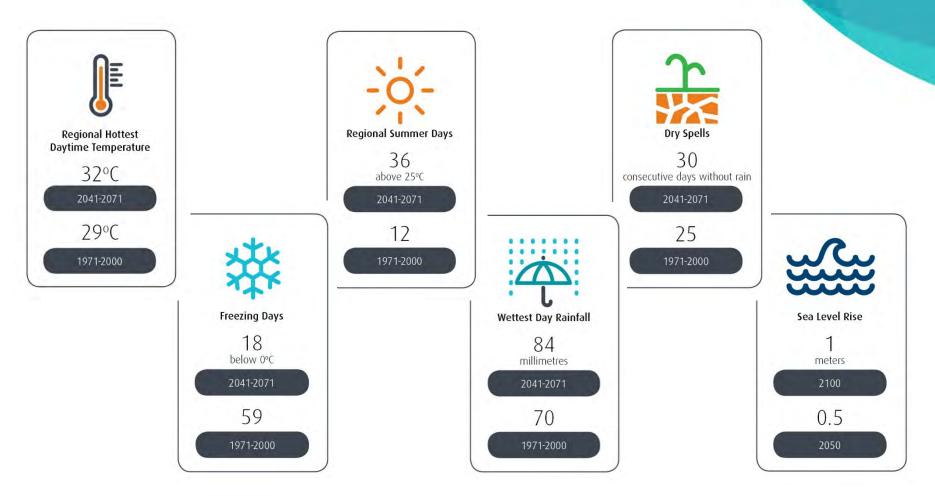
Council

Report

- Support farmers and food security
- Improve water use
- Emergency response

Saanich.ca/climateplan

LOCAL CLIMATE CHANGE PROJECTIONS



Source: Climate Projections for the Capital Region (2017, CRD)

HOW ARE ECOSYTEMS AFFECTED?



Changes in timing of lifecycle events



Food Web Disruptions

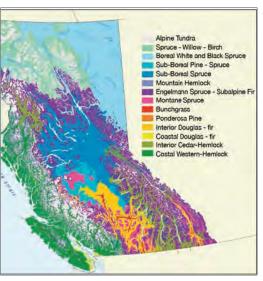




Direct Climate **Stressors**



Pathogens and Disease



Range Shifts



Invasive Species



Coastal Squeeze

SUPPORTING ECOSYSTEM RESILIENCE

- Preserve a diverse representation of ecosystem types
- Ensure sufficient space within ecological hubs for species to thrive
- Create corridors that facilitate the movement of species as they adapt
- Actively manage invasive species
- Enhance habitat values on both public and private lands
- Assisted migration? Consider seed sources (new provenances) for native species, or new species on the edge of their Southern range?

THE FLIP SIDE: ECOSYSTEM SERVICES



Storm-water management – storage



Mental health and wellbeing



Urban cooling and air quality



Storm-water management – flood reddictron



Photo by Bob



Carbon



Water quality



Coastal protection





Saanich Parks





Saanich Parks Quick Facts

- 171 parks (825 ha)
- 1035 km of boulevards
- 100 km of trails
- 62 sportsfields
- 35 tennis/pickleball courts
- 21 sport courts
- 56 playgrounds

- 1 water park
- 1 skate park
- 21 public washrooms
- 37 beach accesses
- 735 horticultural displays
- Over 100 bridges and stairs
- Over 500 pieces of furniture

Cadboro Bay

- 12 parks totaling over 29 ha
- 5.24 km of trails
- 16 beach accesses
- 2 playgrounds
- 1 baseball field
- 1 soccer field
- 1 sport court (half basketball, half hockey)
- 1 boat launch
- 2 tennis courts





Urban Forest Strategy



Vision

"The urban forest in Saanich is a highly valued asset comprised of a rich and diverse forest that is widely recognized and appreciated for the contribution that it makes to our community and to our sustainable environment."

Goal

To protect and enhance the Urban Forest.

Tree Protection Bylaw

Regulates cutting, removing or damaging of trees and sets requirements for replacing Protected trees.

Amendments to the bylaw in 2014 offer greater protection to private trees.

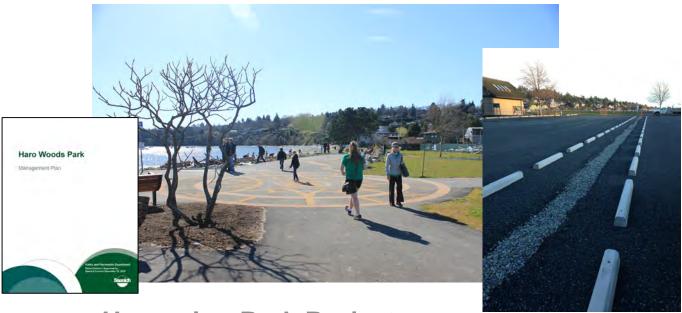
Pulling Together Volunteer Program

Parks offers a great program to be part of:



Recent Park Projects

- Cadboro Gyro Park Upgrades playground 2014, parking lot 2015, event access 2018
- Haro Woods Management Plan Council approval 2018



Upcoming Park Projects

- Cadboro Gyro Park tennis court replacement
- Phyllis Park trail improvements
- Haro Wood plan implementation trail improvements, interpretive, wayfinding and regulatory signage, and Finnerty Creek restoration

Natural Environment in Cadboro Bay

Did you know...



Did you know these natural history facts about the Cadboro Bay Local Area?

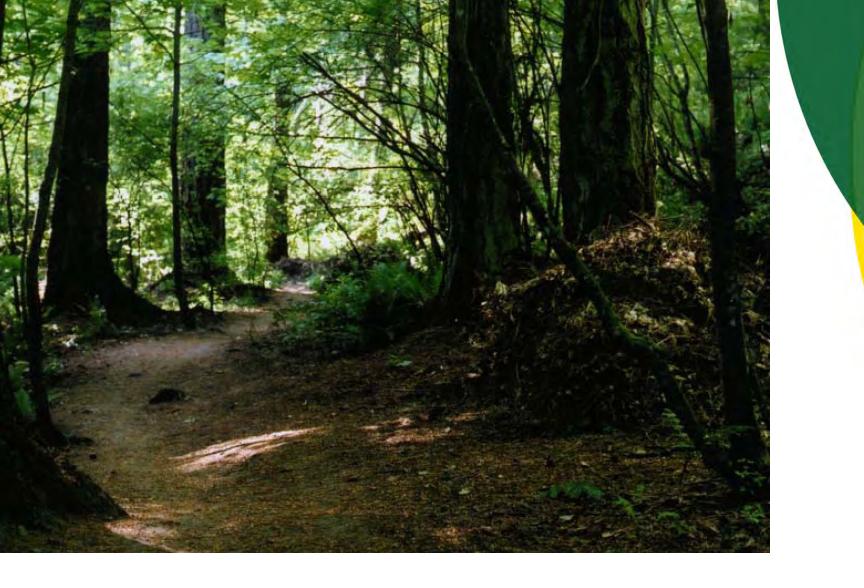


It contains the majority of Hobbs Creek Watershed plus Sheep Cove Creek, Haro Creek, Finnerty Creek, Guinevere Creek, and unnamed coastal drainages.





The entire Ten Mile Point is documented as historical Garry Oak and Associated Ecosystems. (In red is what remains today)



Mystic Vale contains the only known old growth forest in the area and is home to more than 75 native plant species.



Canada's first Pacific migratory bird sanctuary stretches all along the coastline from the Portage Inlet to 10 Mile Point?

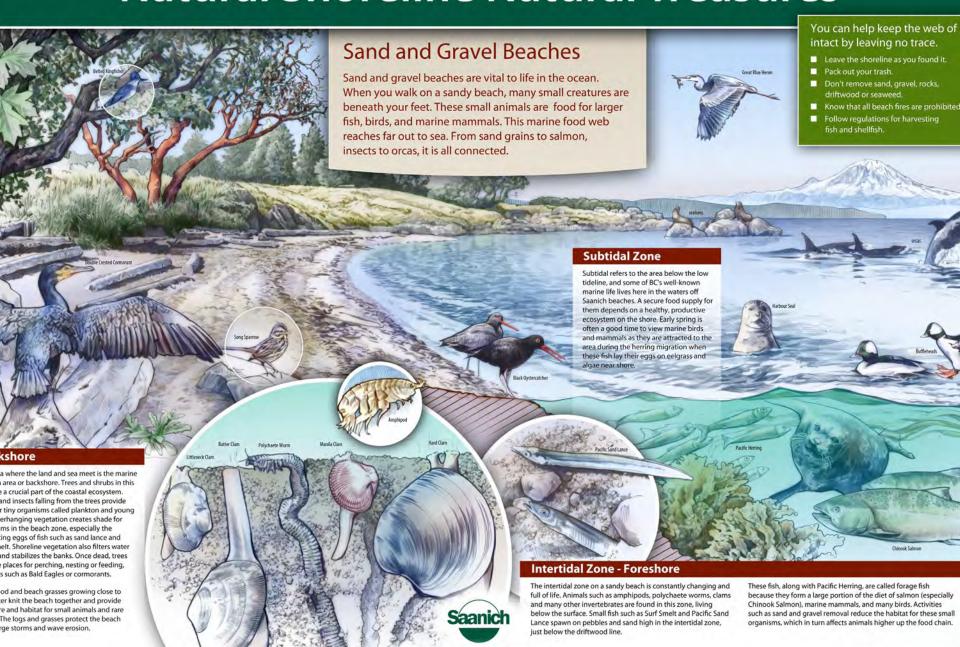


There are 9 significant trees in the local area, such as this native Big Leaf Maple.



The beaches are known forage fish habitat.

Natural Shoreline Natural Treasures

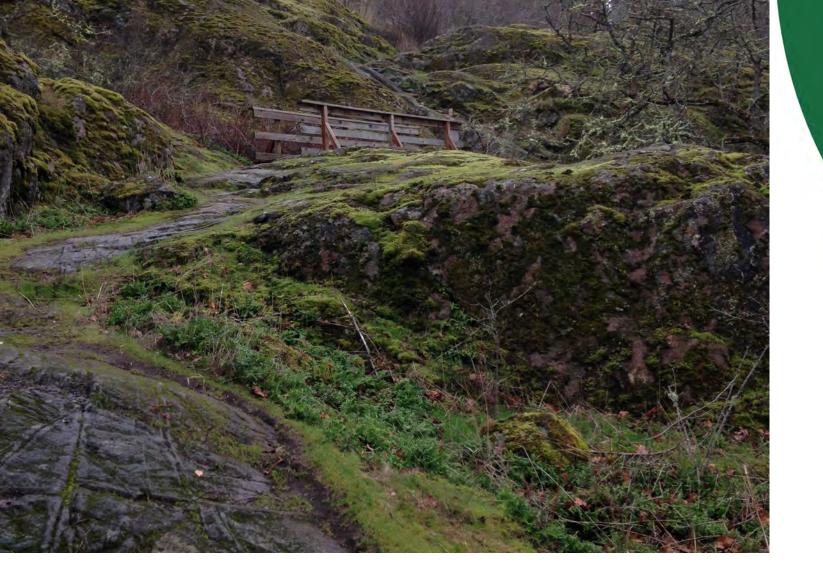


250-475-5522 saanichparks.ca

Concept and design: limedesign.ca 2017



The area is also known for Bald Eagle nests however there has been a recent decline in the known nests in Cadboro Bay.

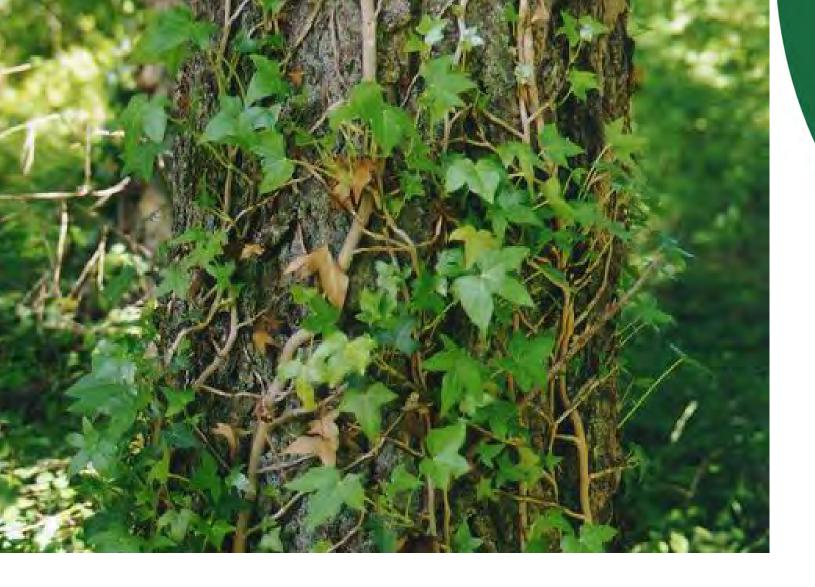


Phyllis Park serves as a corridor for wildlife, connecting the forests of the Queenswood, Konukson Park and Bedford Road Park with the ocean.

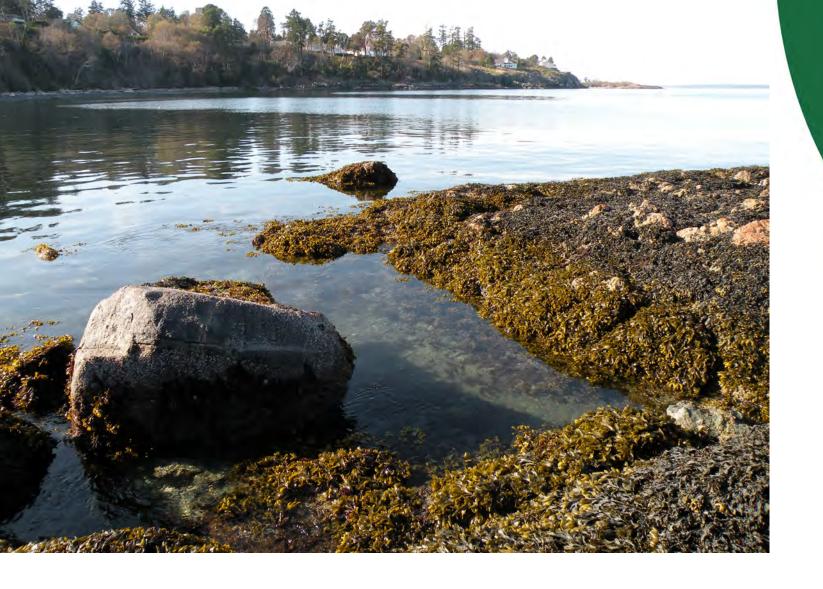




Rare and endangered plants found here include: Bearded-owl clover, Macoun's meadow-foam, Twisted Oak Moss, Yellow Sand-verbena, Slimleaf Onion, and Winged Water-starwort.



Many invasive plants occur here such as English Ivy, Daphne/Spurge Laurel, English Holly, Scotch Broom, Lesser Celandine, and Himalayan Blackberry



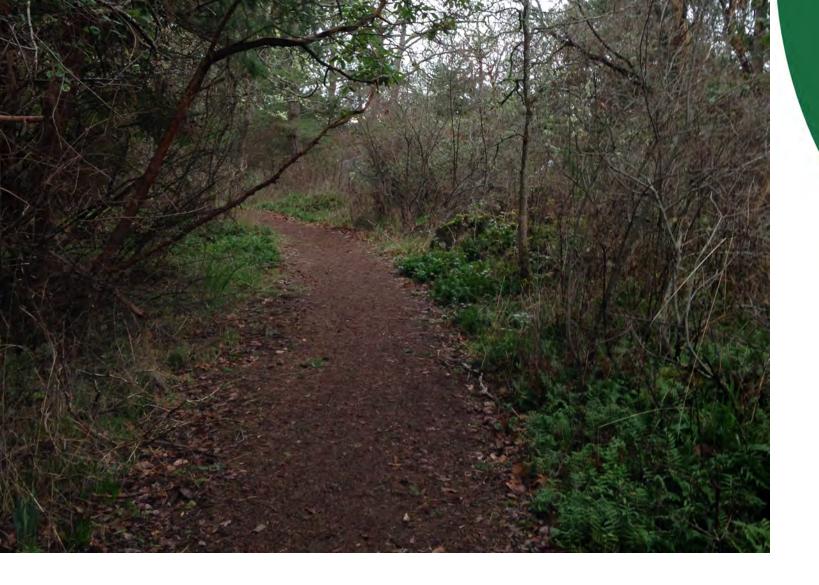
Ten Mile Ecological Reserve is a protected area with high marine productivity.

Before and after...

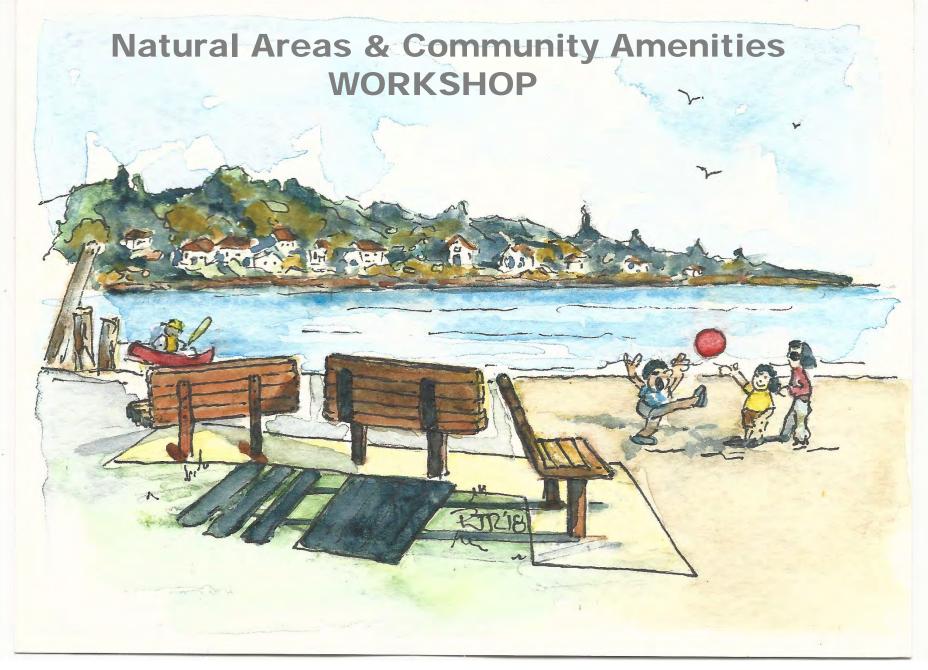




Considerable volunteer resources have been at work at Haro Woods, Goward House, and Knoksun Park.



What else do *you* know about the natural history of Cadboro Bay that is special?



Artwork use kindly donated by Paul Redchurch, Goward House Volunteer Artist