

## Green Shores: Strategic Action

www.greenshores.ca



**Guidance Materials** - tools to develop properties in a "shore friendly" way

- **Green Shores for Coastal Development**
  - parks, mixed-use residential, and institutional shoreline properties
- **Green Shores for Homes**
  - residential shoreline properties
- Both built on a format similar to Built Green™ and LEED™ using a **credit and rating system**
- Projects can reach Bronze, Silver, Gold



## Green Shores Strategic Action

www.greenshores.ca



- **Green Shores Local Government Working Group**
  - 9 member communities across BC (coastal and lake) currently involved
- **Services offered**
  - Green Shores education and training in your community
  - Share resources to minimize "re-inventing the wheel" and maximize volunteer and staff capacity
  - Support for demonstration projects
  - Benefits of leveraged funding and in-kind support
- **Ongoing enrollment**
- **www.greenshores.ca**

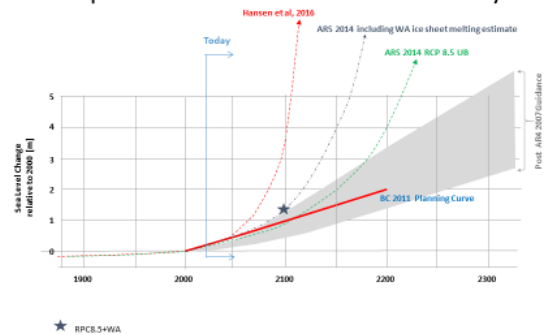
## Sea Level Rise and YOUR Community What Should We Anticipate?

AVICC AGM - 14 April 2018

John Readshaw, Coastal Marine Engineer

SNC-LAVALIN

## What is really happening at your shoreline? Updated Guidance Summary



## & Regulatory Tools for Local Governments

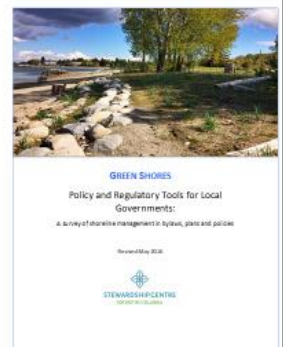
Association of Vancouver Island & Coastal Communities  
69<sup>th</sup> Annual General Meeting & Convention  
Songhees & Esquimalt Territories  
Victoria, BC  
April 14, 2018

Deborah Carlson  
Staff Lawyer  
West Coast Environmental Law  
dcarlson@wcel.org



## Overview

- What's in the Green Shores guide, and how to use it
  - Local policy & regulatory tools
- Federal, First Nations, provincial jurisdiction
  - Important considerations



**SHORELINE DEVELOPMENT PERMIT AREAS (DPAs): GREEN SHORES & MORE  
AVICC CONFERENCE  
April 14, 2018**

**NOTES and QUESTIONS to CONSIDER:**

- What do you know about shorelines, marine activity and flooding hazards in your community?
- What do you need to know about shorelines and flooding hazards in your community?
- Who can you turn to for assistance?
- What is your next step?

**RESOURCES:**

Green Shores website [http://stewardshipcentrebc.ca/Green\\_shores/about/](http://stewardshipcentrebc.ca/Green_shores/about/)

Green Shores Local Government Working Group [http://stewardshipcentrebc.ca/Green\\_shores/green-shores-local-government-group/](http://stewardshipcentrebc.ca/Green_shores/green-shores-local-government-group/)

Green Shores Resources: [http://stewardshipcentrebc.ca/Green\\_shores/resources/](http://stewardshipcentrebc.ca/Green_shores/resources/)

GREEN SHORES, Policy and Regulatory Tools for Local Governments: A survey of shoreline management in bylaws, plans and policies, available online at: [http://stewardshipcentrebc.ca/PDF\\_docs/greenshores/reports/GSPolicyandRegulatoryToolsLocalGovtsReport2016.pdf](http://stewardshipcentrebc.ca/PDF_docs/greenshores/reports/GSPolicyandRegulatoryToolsLocalGovtsReport2016.pdf)

Preparing for Climate Change, A Guide for Local Governments in BC, available online at: <http://www.toolkit.bc.ca/Resource/Preparing-Climate-Change-Implementation-Guide-Local-Governments-British-Columbia>

Crescent Beach Community Meeting Series: Summary Report on Coastal Flooding and Climate Change, available online at: <http://www.surrey.ca/files/CFASCrescentBeachSummaryReport.pdf>

**CONTACTS:**

*DISTRICT OF OAK BAY*  
(session sponsor)  
**Kevin Murdoch**  
Councillor  
[kevin@kevinmurdoch.ca](mailto:kevin@kevinmurdoch.ca)  
250-588-5541

*GREEN SHORES*  
**DG Blair**, Executive Director  
Stewardship Centre for BC  
[dg@stewardshipcentrebc.ca](mailto:dg@stewardshipcentrebc.ca)  
mobile 604-230-9734  
1-866-456-7222  
[www.stewardshipcentrebc.ca](http://www.stewardshipcentrebc.ca)

**John Readshaw**, *P. Eng.*  
Manager, Coastal Marine & Dredging  
*Ports and Marine Infrastructure*  
**SNC-Lavalin**  
Tel.: +1(604)662-3555 x 55977  
Dir.: 604 605 5977  
Cell.: 604 761 5113

**Deborah Carlson**  
Staff Lawyer | West Coast Environmental Law  
200-2006 West 10th Ave, Vancouver, BC V6J 2B3  
1 604.601.2513 | 1.800.330.WCEL ext. 213 |  
F 604.684.1312  
[dcarlson@wcel.org](mailto:dcarlson@wcel.org) <<mailto:dcarlson@wcel.org>>  
BLOG  
<<http://www.wcel.org/resources/environmental-law-alert>>, >!

745 Thurlow St.  
Vancouver | British Columbia | V6E 0C5



THE CORPORATION OF THE DISTRICT OF OAK BAY  
MUNICIPAL HALL- 21 6 7 OAK BAY AVE NUE - VICTORIA, B .C. V8R 1G2  
PHON E 250-598- 3311 FAX 250-598-9108 WEBSITE: [www.oakbay.ca](http://www.oakbay.ca)

April 10, 2018

Dear Oak Bay Waterfront Property Owner,

### **Foreshore Protection**

Oak Bay residents are fortunate to enjoy incredible marine environments, beaches and foreshores. Oak Bay Council is committed to protecting these sensitive ecosystems so our children and grandchildren will enjoy the benefits that we do today.

We are writing to make you aware that, as a waterfront property owner, you have some special obligations to protect your land, shoreline and marine foreshore. Your property has been identified as having some or all of its boundaries within 15 metres of the shoreline (the natural boundary of the sea), and is subject to the Shorelines Development Permit Area (SDPA) and Provincial Foreshore and Federal Marine environmental regulations.

Oak Bay's **Shorelines Development Permit Area (SDPA)** was implemented in the 2014 Official Community Plan. The goals of the SDPA are to protect shoreline habitats, and encourage a healthy natural environment that will best adapt to sea level rise and other impacts of climate change.

### **Your responsibilities and our Requests:**

1. **Please contact the Oak Bay Building and Planning Department staff for guidance when considering any work on or near the shoreline.**
2. Any structural changes, substantive landscape changes (e.g. involving heavy equipment), or shoreline stabilization work undertaken in the 15m setback zone requires an application for a Shorelines Development Permit (2014 Official Community Plan (Section 8.2.2, pages 169-172)
3. Please consider improving shoreline ecology and habitats and incorporating native vegetation and other 'soft' shoreline stabilization techniques using Green Shores™ principles ([www.greenshoresforhomes.org](http://www.greenshoresforhomes.org)).
4. Building permits on your property outside the 15m SDPA zone do not require a SDPA approval process, however, any potentially negative impact on the SDPA and foreshore needs to be identified, and will be considered in the approval process.

### **Why has the Shorelines Development Permit Area Been Implemented?**

Oak Bay has an abundance of marine shorelines which offer biologically rich and diverse habitat for birds, fishes, whales, seals and smaller marine creatures like clams and crabs. In addition to its ecological importance to an array of marine species, the shoreline has a key role in natural systems such as ocean processes, erosion control and flood management.

The objectives of the Shorelines Development Permit Area are:

- To preserve and protect aquatic and shoreline habitat in order to support species biodiversity and natural ecological function, as well as the economic vitality of fisheries
- To guide development to occur in a manner that minimizes environmental impacts upon aquatic and shoreline habitat, fish and wildlife
- To protect the integrity of the foreshore, shoreline and natural coastal and intertidal processes
- To conserve and manage the foreshore as a public resource
- To protect development from flooding associated with sea level rise

With you, your neighbours and the District managing the foreshores together we can protect our shared shoreline from erosion, flooding and work to mitigate against future sea level rise.

**Your property is part of the shoreline and an integral component of this valuable ecosystem. Your cooperation is essential to prevent loss of habitat, biodiversity, and avoid erosion of land.**

The Shorelines Development Permit Area means that any development on your property within 15m of the natural boundary of the sea requires applying for a Shorelines Development Permit. Before starting any work, please contact the District of Oak Bay Building and Planning Department at 250-598-3311 - District staff will be happy to discuss your site-specific circumstances.

Thank you very much for your interest and efforts in enhancing and protecting our marine foreshores.

Yours truly,

Deborah Jensen  
Acting Director of Building and Planning