

Resources for Property Owners on Sea Level Rise



BC Adapt Video Series: Six videos specifically addressing Sea level rise and adaptation strategies

- i. Coastal Flood Management - Planning for Sea level rise (9:56 min.)
(<https://youtu.be/4wbPrudCTIw>) – Examples of SLR planning
- ii. Coastal Flood Management – Partnerships for sea level rise adaptation (9.35min.)(<https://youtu.be/lKhNTJNYrJk>) – Governments can't implement adaptation strategies alone and need to have partnerships with other stakeholders. Who's affected by flooding? Identification of potential at-risk stakeholders to help create partnerships in order to start adaptation strategies.
- iii. Coastal Flood Management – Design of raised shorelines (11min.)(https://youtu.be/oMXFn_2MKOw) – Offers good visuals and analysis of various types of shoreline treatment and explains why the individual property owner can't go it alone. Note especially the erosion at the foot of the seawall shown under storm conditions. Shoreline treatments are best undertaken on landscape- or community-scale and will require permits from at least local government.
- iv. Coastal Flood Management - Adapting existing buildings and neighbourhoods (8 min.)
(<https://youtu.be/szwuDti1Qfi>)
- v. Coastal Flood Management – Green Shores (8.45 min.) (<https://youtu.be/aov34cM6MjQ>) - Soft or natural approaches to protect and restore waterfront systems
- vi. Coastal Flood Management – Integration into Urban Design (6.28 min)
(<https://youtu.be/8E66BaNcvw>)- How urban design can be integrated into SLR planning to adapt to Climate Change

Resources on climate change adaptation

1. Intact Centre on Climate Adaptation (ICCA)

[Home Flood Protection Resources to help reduce flood impacts](#) – tips, maintenance, emergency preparedness, videos

2. Insurance

Insurance Brokers' Association of British Columbia: <https://www.ibabc.org/index.php/get-to-know-us/managing-your-risk/206-overland-flooding-in-bc.html>. Understand the different kinds of protection against water that exist—and beware that those living at highest risk may have very high premiums or be unable to purchase flood insurance at all.

Co-operators' Insurance: <http://newsreleases.cooperators.ca/2018-05-07-British-Columbia-and-Nova-Scotia-homeowners-can-now-be-insured-for-storm-surge-damage>

3. Islands Trust

Static [maps](#) of Islands Trust islands, as well as the MapIT tool with many layers such as shorelines, ecosystems and property boundaries that lets you customize and print views with exactly the information you need for planning. [How to take care of my shoreline](#)

4. Green Shores

A voluntary program initiated by Stewardship Centre for BC, Green Shores provides ecological solutions for shoreline development, protecting waterfront properties while also protecting and restoring habitats. It is based on **four guiding principles**:

- a) **Preserve or restore** integrity of shoreline processes
- b) **Maintain or enhance** habitat diversity and function
- c) **Minimize or reduce** pollutants
- d) **Avoid or reduce** cumulative impacts on shoreline. It promotes design that dissipates wave energy, accommodates storm surge and lessens flooding by offering resilient approaches to combat SLR. Encourages best practices, it is science and incentive based.

There are two components to the program - **educational and technical**. The technical aspect includes a rating and credit system, similar to Built Green™ and LEED™, explained in the [Green Shores for Homes Guide](#) and [Green Shores for Homes – Credit interpretation](#), other resources are also available [here](#). On the website, there are [videos](#) providing an overview of how the program works. There is also a **free** [Greenshores educational training](#) that introduces interested participants to the benefits and application of the program – see link for dates of upcoming workshops. This link, [Case studies](#) allows you to see the results and understand the process. [GreenShores for Coastal Development for waterfront properties– credits and ratings guide](#) - applies to residential and commercial marine waterfront development projects as well as infrastructure development (such as public walkways) and shore protection works in public spaces (such as parks and recreational areas).

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