

Managing The Shoreline

OVERVIEW

Green Shores was developed as a tool to support the sustainable development of shorelines and is a key direction of the Parks & Recreation Master Plan. Green Shores uses a third-party verification approach with a series of prerequisites and credits to evaluate and promote softer shoreline designs. Green Shores is based on four guiding principles:

- Preserve the integrity of connectivity of shoreline processes
- Maintain or enhance habitat diversity and function
- Minimize or reduce pollutants to the environment
- Reduce cumulative impacts of shoreline development



Trail integrated with green shores approach in North Vancouver



Waypoint Beach before green shores improvements



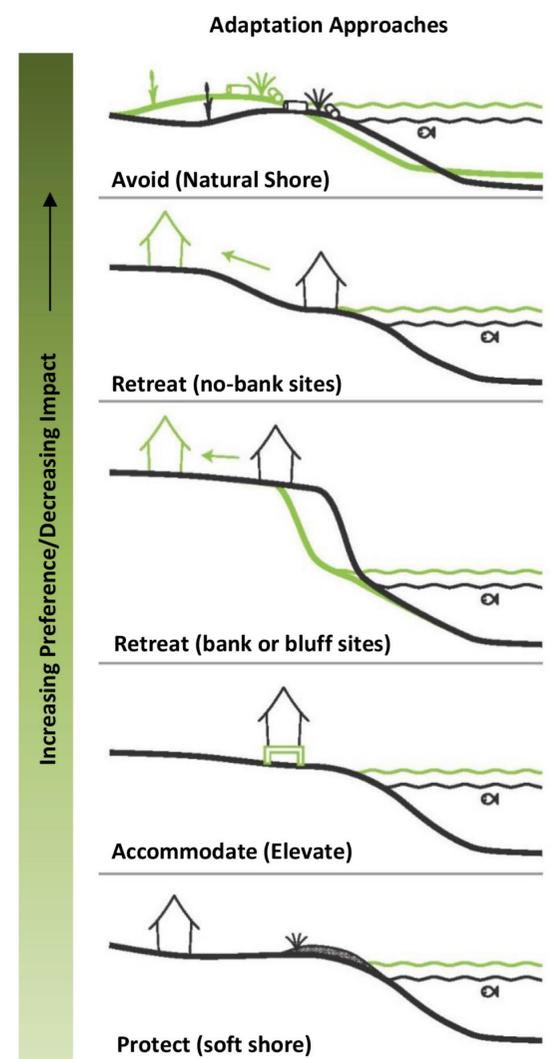
Waypoint Beach park with green shores approach



Qualicum residence before green shores approach



Qualicum residence with green shores beach frontage



Adaptation approaches at barrier beaches (from Stewardship Centre for BC)

SHORELINE MANAGEMENT SWOT

COLWOOD SHORELINE S.W.O.T. ANALYSIS

STRENGTHS:

1. Sandy beaches are rare in B.C.
2. High aesthetic and recreational values
3. Good public access and accessibility
4. Few property owners involved
5. Very little existing hard infrastructure

WEAKNESSES:

1. Challenging design problem to provide pedestrian link below bluffs
2. Current lack of system-wide sediment management strategy for shoreline

OPPORTUNITIES:

1. Building "change" into the design (adaptive design strategies)
2. Soft approaches to sediment management

THREATS:

1. Future sediment source is uncertain
2. Shoreline Hardening by private property owners could affect whole system