

Resilient Coasts For Salmon: Survey

We are interested in learning about the level of awareness regarding potential climate change impacts on South/East Vancouver Island. Your input will be used to inform a current project that is a collaboration between the Pacific Salmon Foundation, the Stewardship Centre for BC, Peninsula Streams Society, World Wildlife Fund, and several other partners. A key objective is to advance knowledge about nature based solutions, and your responses will be an important guide for our project workplans, while also helping us to understand how best to fill knowledge gaps. Please feel free to pass this survey along to colleagues who live and work on the South/East Coast of Vancouver Island. We greatly appreciate your time and input!

Survey Time: Approx. 5 minutes

1. Are you concerned about climate change?

Mark only one oval.

- Not at all concerned
- Somewhat concerned
- Yes - I am concerned now, and about the future
- Yes - I am concerned about the future

2. Are you familiar with these terms: overtopping, coastal squeeze, and hard armouring?

Mark only one oval.

- Not familiar at all
- Somewhat familiar
- Very familiar

3. How comfortable would you feel explaining/ teaching the above terms to your neighbour?

Mark only one oval.

- Not comfortable
- A little comfortable
- Comfortable
- Very comfortable

4. Does shoreline hard armouring help us adapt to a rise in sea level?

Mark only one oval.

- Do not know what hard armouring is
- Do not know how helpful hard armouring is
- Yes, it helps us adapt to rising sea levels
- No, it does not help us adapt to rising sea levels

5. If you were to live along the shoreline, how important are unimpeded views of the ocean?

Mark only one oval.

- Not at all important
- Somewhat important
- Very important

6. If you were to live on a shoreline property, would you want to remove the trees and shrubs that are obstructing your ocean view?

Mark only one oval.

- No
- Maybe
- Likely
- Very likely

7. Does the vegetation along shorelines serve any purpose besides providing wildlife habitat?

Mark only one oval.

- No
- Unsure
- Unsure, but likely
- Likely
- Yes

8. Do seawalls affect natural shoreline processes?

Mark only one oval.

- No
- Unsure
- Unsure, but likely
- Likely
- Yes

9. Are you familiar with the terms drift cells or longshore transport?

Mark only one oval.

- Not at all familiar
- Somewhat familiar
- Very familiar

10. What is your level of knowledge about predicted climate change impacts for South/East Vancouver Island?

Mark only one oval.

- No knowledge
- Minimal knowledge
- Moderate knowledge
- High knowledge

11. What are some of the predicted climate change impacts for South/East Vancouver Island?

Mark only one oval.

- Increasing precipitation in winter months, increasing sea level rise, increasing wave and storm intensity, warmer air temperatures
- Decreasing precipitation in winter months, increasing sea level rise, warmer air temperatures
- Increasing precipitation in winter months, increasing sea level rise, colder air temperatures
- Decreasing precipitation in winter months, increasing sea level rise, increasing wave and storm intensity, colder air temperatures

12. What are the predicted sea level rise estimates for South/East Vancouver Island?

Mark only one oval.

- Unsure
- Depends on which part of the south/east coastline of Vancouver Island you are referring to
- The same across all the south/east coastline of Vancouver Island

13. Are you familiar with nature-based solutions such as Green Shores® for climate change adaptation on shorelines?

Mark only one oval.

- Somewhat
- Yes
- No
- No but I would like to learn about them

14. How do you engage with shorelines in your region? What is important to you?

15. Please select the following that you identify with. Select all that apply.

Check all that apply.

- Local Indigenous government or employee
- Municipal government or employee
- Marine/Land-use planner
- Local Indigenous community member (Vancouver Island/Gulf Islands)
- Local Non-Indigenous community member (Vancouver Island/Gulf Islands)
- Shoreline professional (e.g., coastal engineer, landscape architect for coastal projects, coastal scientist, biologist)
- Coastal property owner
- Stewardship group member
- Other: _____

16. Along the South/East coast of Vancouver Island, what area are you located in?

Mark only one oval.

- Victoria and Southern Vancouver Island communities e.g. Sooke, Metchosin, or those on the Saanich Peninsula
- East coast, mid-Vancouver Island communities e.g. Duncan, North Cowichan, Chemainus, Ladysmith, Nanaimo
- East coast, upper mid-Vancouver Island communities e.g. Parksville, Qualicum, Courtenay, Comox
- East coast, north-Vancouver Island e.g. Campbell River, Port McNeill
- Small/rural coastal communities e.g., Mill Bay, Crofton, Bowser, Fanny Bay, Union Bay, Royston, Black Creek
- Southern Gulf Islands
- Northern Gulf Islands
- Other: _____

17. If you were to have your communities shorelines mapped, what would be your highest priorities to capture?

Mark only one oval.

- sea level rise projections
- sea level rise projections with flooding inundation and storm surge modeling
- extent of hard armouring infrastructure
- shoreline erosion
- biological, ecological, and culturally important resources
- at risk/vulnerable locations
- Other: _____

18. Does your local community plan/Official Community Plan discuss managing for sea level rise?

Mark only one oval.

- Yes, an item to address sea level rise with action
- Yes, an item to investigate further
- No

19. Do community members contact you with concerns and for guidance on sea level rise?

Mark only one oval.

- Yes, infrequently
- Yes, frequently
- No
- Unsure

20. Do you feel you have enough knowledge to answer their questions about sea level rise?

Mark only one oval.

- Yes
- No
- Sometimes
- Other: _____

21. Do you feel you have enough resources to provide to your community members to help address their questions about sea level rise and potential options for adaptation?

Mark only one oval.

- Yes
- No
- Other: _____

22. Do you feel you have enough knowledge to help community members with their questions about nature-based solutions as an adaptive management tool for sea level rise?

Mark only one oval.

- Yes
- No
- Sometimes
- N/A
- Other: _____

23. Do you feel you have enough resources to help community members with their questions about nature-based solutions as an adaptive management tool for sea level rise?

Mark only one oval.

- Yes
- No
- N/A
- Other: _____

24. What would help you feel more comfortable addressing their concerns? Select all that apply.

Check all that apply.

- Funding
- Educational Lunch and Learn Events
- Engagement with more shoreline restoration professionals
- Training in climate change adaptation strategies
- Increased capacity
- Other: _____

25. Are there opportunities for expedited permitting for nature based solutions in your community/municipality?

Mark only one oval.

- Yes
- No
- Unsure
- Other: _____

26. If not, do you think they are needed?

Mark only one oval.

- Yes
- No
- Unsure

27. Do you feel shoreline management bylaws and policies are outdated regarding predicted sea level rise projections?

Mark only one oval.

- Yes
- No
- Somewhat
- Unsure

Thank you very much for your responses. We will follow-up with more details on our new project and how you can become involved! Stay tuned! Please submit your email below to enter the draw to win a Pacific Salmon Foundation hat!

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