

# Coastal erosion is a concern for people living near the coast.

But the risk of inundation from sea swells is much greater for the wider community.



Councils and Tāngata Whenua of Hawke's Bay are working together with the community on a 100-year strategy and action plan to address the region's coastal natural hazard risks.

The outcome will be decisions acted on in the coming years to reduce these risks and adapt to changing circumstances over time. Coastal settlements with the highest priority are Westshore, East Clive, Haumoana, Te Awanga and Clifton.

[hbcoast.co.nz](http://hbcoast.co.nz) has more information on the Clifton to Tangoio Coastal Hazards Strategy 2120



## REPORTS AND RISKS

Technical firm Tonkin and Taylor delivered two reports to inform the project team and wider community. One looked at the hazards likely to affect our coastline. The other identified degrees of risk associated with these hazards - caused by sea level rise resulting from global warming.

Tsunami would cause the greatest damage to coastal communities, however the likelihood is considered low. A 10 metre tsunami wave is estimated to occur on average about once every 4000 years, but could happen at any time.

There is also the risk of inundation to communities from large sea-swell events. These are likely to happen several times in any 100-year period and cause a lot of damage. Erosion damage occurs in almost every swell event, and is usually concentrated on vulnerable locations.

Risks for all these hazards will grow as sea levels rise due to climate change, both in terms of the potential damage, and how often the events occur.

## OPTIONS

Our next set of community meetings will further explain the project, and seek nominations for community representatives to work with the project team on options that reduce coastal hazard risks. Community input is vital and will help the project team to develop options, as well as an action plan.

Each option will need to be assessed for benefits, risks and costs – this includes social, environmental, cultural and economic aspects, such as community safety, affordability, durability, meeting cultural values, and so on.

Options to be considered will likely come down to one, or a blend of three activities:



**RETREAT** from a coastal hazard: withdraw, relocate or abandon.



**DEFEND** with protection works: renourishment, revetments, groynes, etc.



**STATUS QUO** natural processes continue while managing consented works.

## THIS MONTH

Community-led Assessment Panels are being formed with Tāngata Whenua, community, business and other representatives.

Public meetings are taking place to appoint community representatives to these panels. The project team invite you to attend the meeting most relevant to you and your interest in our coast.

14 November	5.30 pm to 7 pm	<b>Bay View Hotel</b> appointing reps for Whirinaki and Bay View
15 November	5.30 pm to 7 pm	<b>Westshore Surf Lifesaving Club</b> appointing reps for West Shore, Ahuriri and Marine Parade
16 November	5.30 pm to 7 pm	<b>Clive School</b> appointing reps for Clive and East Clive
21 November	5.30 pm to 7 pm	<b>Te Awanga Hall</b> appointing reps for Clifton and Te Awanga
22 November	5.30 pm to 7 pm	<b>Haumoana Hall</b> appointing reps for Haumoana

## I'M A COASTER - WHAT CAN I DO?

Get to one of these meetings. Check out the hazard profile for your property address using the Hazard Information Portal - a mapping tool - on the hbcoast website resources page. If you have concerns or comments, contact [hbcoast@hbrc.govt.nz](mailto:hbcoast@hbrc.govt.nz).



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