

Great Sandy Strait Townships

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The Coastal Futures: Planning Our Changing Coastline project is all about getting ready for the short, medium and long-term impacts of coastal hazards.

We are working to develop a strategy to plan for, protect, or mitigate the impacts of coastal hazards on:



- **Community infrastructure** - like boat ramps, walking paths and playgrounds.
- **Environmental features** - like dunes, wetlands and trees.
- **Built assets** - like businesses, homes, tourist accommodation, roads and services pipes.
- **Indigenous and cultural assets** - like significant sites and heritage buildings.

The last time we consulted with you was to understand what places and aspects of the coast you value most. Since then the team have undertaken further technical work and met with a range of stakeholders to better understand the projected impacts of coastal hazards to the Fraser Coast coastline and how we might respond to them.

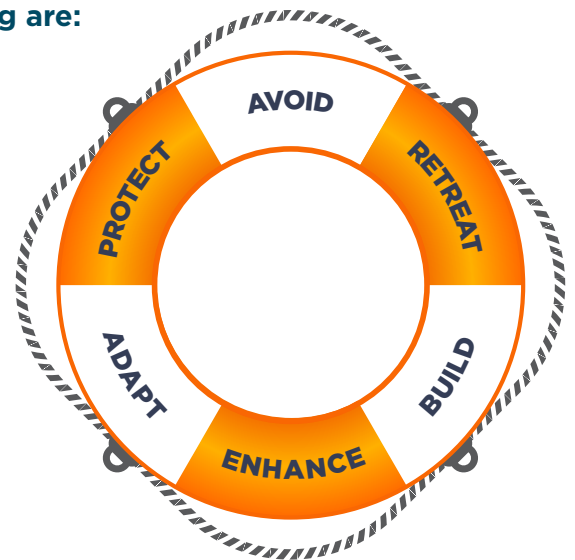
Now we are seeking to explore what types of adaptation responses you think are acceptable, to help inform the development of the draft Coastal Futures strategy.

Our life ring - how we can respond

Each of the coastal localities in the Fraser Coast region is different and will need its own strategy for the future. Uniting all the localities is the Coastal Futures life ring that will inform our approach to coastal hazard adaptation.

The six guiding strategies of the Coastal Futures life ring are:

01. **Avoid** building new things in hazard areas.
02. **Retreat** existing buildings and infrastructure out of high-risk areas over time.
03. **Build community resilience** through education and community awareness measures.
04. **Enhance coastline resilience** by protecting and/or reinstating natural coastal ecosystems - like stabilising dunes, or revegetating mangroves.
05. **Adapt** existing and future buildings, structures and infrastructure to be able to accommodate coastal changes - building things 'higher and stronger', evacuation planning.
06. **Protect/defend** priority shorelines, localities and infrastructure through the use of beach nourishment, seawalls, levees, groynes or other structures.



When we are considering these options for each locality, we need to think about:

Will it be financially sustainable? Adaptation can be expensive, and we can't protect the whole coastline. We need to focus on low cost solutions wherever we can, and prioritise where and when we invest in high cost shoreline protection.

How can we protect what we love and value? Protecting our coastline should align with what we value.

How can we maximise the benefits? When we invest in coastal hazard adaptation, we want to make sure that we maximise community benefits for the region as a whole.

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Our coastal values

In the Great Sandy Strait townships of Maaroom, Boonooroo, Tuan, Poona and Tinnanbar, there is a strong community connection to the ocean – for fishing, boating, views and sea air. Coastal mangroves, wetlands and threatened species are also highly valued.



Our vulnerabilities

Community representatives from the Great Sandy Straits identified that coastal hazards impacts could result in:

- Damage and temporary disruption to roads, stormwater and on-site effluent. This would have cost implications and result in community isolation during events.
- Losing areas of the foreshore which would reduce amenity, impact fishing access and increase repair/maintenance costs of infrastructure like playgrounds and paths.
- Habitat damage to coastal wetlands and mangroves which would impact endangered species and the ecological functioning of the area.

Adaptation ideas suggested so far

Here are some of the adaptation ideas suggested by community representatives and key stakeholders for Great Sandy Strait Township. These ideas, and yours, will be tested as the draft Coastal Futures Strategy is developed.

Protect foreshores in each community through targeted dune restoration/mangrove replanting in partnership with the community.

Short to medium term, low to medium cost.

Better **accommodate** hazards by investigating increased buffer widths, and consider reducing roads to one way loops (Tuan/Tinnanbar).

Medium term, medium cost.

Retreat at-risk infrastructure and plan for its relocation (e.g. Tuan playground; Maaroom bench seats; Poona toilet block; Tinnanbar foreshore fencing).

Short to long term, medium to high cost.

Limit development in at risk areas to **avoid** increasing exposure.

Short to long term, low cost.

HAVE YOUR SAY!

We'd like to hear from you...

We are interested in your feedback about how we should respond to coastal hazards, to help inform preparation of a draft Coastal Futures strategy. Your feedback will be considered along with technical and financial information so that we can help shape a strategy that responds to the needs of community and Council.

Please complete the survey for any locality of interest to you via <https://frasercoast.engagementhub.com.au/coastal-futures-planning-our-changing-coastline>.
The survey will close at 11:55 PM Sunday 16 August 2020.