

## Our Resilient Coast. Our Future.

# Draft Coastal Hazard Adaptation Strategy - overview

***Our Resilient Coast. Our Future – working together to proactively plan for the future management of our coastal areas, to increase the resilience of our region.***

The **Our Resilient Coast. Our Future** project team have now completed a draft Coastal Hazard Adaptation Strategy (the Strategy) for the Sunshine Coast.

The Strategy is a risk and change management initiative to better prepare Council and the community to proactively respond to coastal hazards including erosion and inundation. This includes to mitigate and adapt to the social, cultural, economic, and environmental risks associated with current and future coastal hazards.

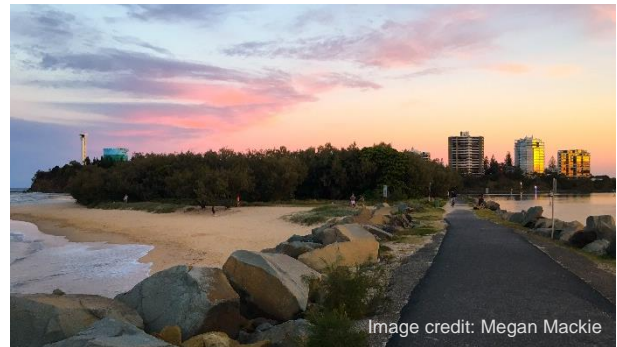


Image credit: Megan Mackie

Image credit: Noel Brady

### This is the start of the adaptation process

Adapting to coastal hazards is a shared responsibility for all stakeholders and the Sunshine Coast community. We look forward to working together as we continue the adaptation journey.

This draft Strategy represents the start of an ongoing process of planned adaptation over time. Adaptation pathways will be continually informed by community input and ideas, new knowledge, and monitoring the effectiveness of actions. We encourage everyone to consider how you can build your own resilience and adapt to future climate change.

The draft Strategy has been a joint project with the Queensland Government and Local Government Association of Queensland (LGAQ) who have provided funding through the QCoast2100 program to Queensland coastal councils to support the process.



Image credit: Angie Bilic







Image credit: Tracey Papandrea

## A collaborative Strategy

*Our Resilient Coast. Our Future* has included a substantial engagement program over 2019 - 2020 with our communities and key stakeholders to inform the development of the strategy, through participatory and co-design approaches at different stages of the process.

Community and stakeholder feedback has informed the direction of technical assessments and development of the adaptation options and pathways in the Strategy.

To date:

- Over 5,400 people have engaged via the website
- Over 2,500 people have been involved in face-to-face events and activities
- Over 1,250 people have completed a survey during the project.

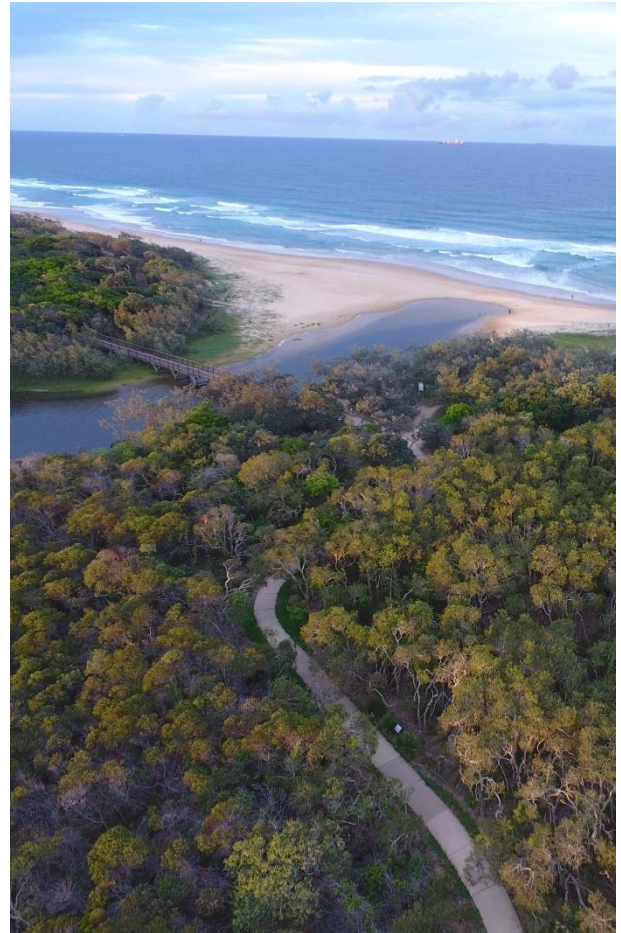


Image credit: Etha Farquharson

## Technical assessments

Work completed to inform the Strategy has included:

- **Mapping:** Updating the existing State mapping of areas that may be exposed to coastal hazards by 2100, including additional planning horizons from present day to 2100
- **Risk assessments:** Undertaking a leading practice and tailored coastal hazard risk assessment
- **Adaptation actions:** Developing and applying a framework for adaptation, and associated adaptation pathways and actions.

The Strategy includes region-wide and location specific actions to manage the current and potential future impacts of coastal erosion, storm tide inundation, and expanding tidal areas due to sea level rise.

## Adaptation actions

The Strategy includes over 50 region-wide adaptation actions across the themes of:

- Enhancing adaptive capacity
- Planning
- Modifying infrastructure
- Coastal management and engineering.

Location specific applications of adaptation actions are set out in pathways from present day to 2100 for each of the 28 coastal localities along the coast.



Example initiatives in the Strategy include:

-  Region-wide dune protection and stewardship
-  Enhancing social adaptive capacity
-  Progressing a region-wide beach nourishment program with pilot site applications
-  Advancing partnerships with our Traditional Owners and First Nations people in coastal adaptation
-  Enhancing monitoring programs to inform adaptation planning
-  Establishing collaborative research partnerships
-  Defining ecosystem adaptation needs
-  Reviewing surf lifesaving infrastructure location and services across the coast
-  Special area adaptation plans to form site specific hazard mitigation and land use transition
-  Informing infrastructure upgrades and betterment programs
-  Informing coastal engineering actions for the next Shoreline Erosion Management Plan 2.0
-  Integrating stormwater, drainage and flood management into adaptation pathway planning
-  Updating management principles and actions for intermittently closed estuary systems and rocky headland areas
-  Sequencing of location specific adaptation actions from present day to 2100 based on the changing risk profile and objectives for management.



### How can I help adapt?

There are many ways you can contribute to coastal hazard adaptation on the Sunshine Coast.

1. Provide feedback on the draft Strategy – visit the website for options on how to give your feedback
2. Increase your awareness of coastal hazard prone areas - review the State coastal hazard mapping and the updated Coastal Hazard Adaptation Strategy mapping
3. Review the adaptation pathway for your local beach/area and provide feedback on the proposed actions
4. Consider the top tips for a resilient home (visit the website for the fact sheet)
5. Contribute to the stewardship of our coastline by protecting our dunes and coastal vegetation. You can also get involved in citizen science projects or local catchment care group.



Becoming a well-adapted and resilient community is a long-term plan that requires ongoing efforts by everyone in our community. We look forward to continuing this journey together with our community to ensure we maintain our impressive coastal lifestyle both now and into the future.

The draft Strategy will be out for public comment over November-December 2020. Please visit the website for a range of options to have your say and contribute to refining the draft Strategy.



Have your say on the draft Strategy at:  
[haveyoursay.sunshinecoast.qld.gov.au/  
our-resilient-coast](https://haveyoursay.sunshinecoast.qld.gov.au/our-resilient-coast)