

Locality summaries

LOCALITY: Meldale

Meldale is bounded by Bullock Creek to the north and Elimbah Creek to the south and east (Figure 1). Residents value access to the coastline for water-based recreation, such as fishing and boating.

Existing areas of mangroves along the frontage are providing protection for adjacent land and assets from erosion and inundation hazards.

Low-lying areas are likely to be exposed to more frequent storm tide inundation and expanding tidal areas in the future. However, very limited public or private assets are expected to be impacted.

The present day adaptation response for Meldale is to continue actively managing coastal hazard risks and begin preparations for additional hazard mitigation and potential transition of the foreshore land use in the future.

The adaptation pathway includes a focus on maintaining and enhancing existing natural coastal hazard defences (mangroves and vegetation) and reviewing the adaptation pathway over time (Table 1). Region-wide actions also apply where relevant to this locality.

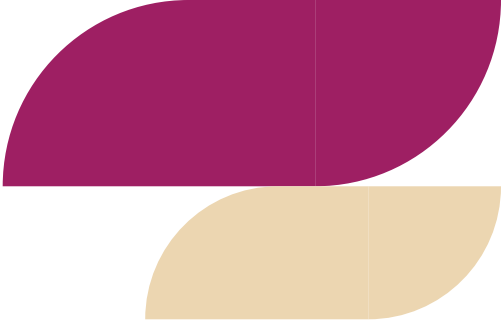





Elimbah Creek, Meldale



Figure 1. Meldale

Table 1. Meldale adaptation pathway



	Present day	2050	2100
Adaptation response	Actively manage 	Actively manage 	Transition and change 
Adaptation Actions			
Region-wide initiatives to enhance custodianship	As per region-wide actions, including:		
<i>Knowledge sharing</i>	Focus on action 1.2.3 – enhance signage on hazards and coastal environmental values.		
Planning	As per region-wide actions, including:		
<i>Place-based planning</i>	Develop place-based Local Resilience Plan for the foreshore areas of Meldale to assist with coordinated adaptation and transition planning in the long-term.		Review adaptation pathway and reduce 2100 approach to “actively manage” if a resilient built form for very high intolerable risk properties is achieved.
Maintaining and improving infrastructure	As per region-wide actions, including:		
<i>Increasing infrastructure resilience</i>	Promote resilient homes within the community and building sector (link in with action 1.2).		
Environmental protection, maintenance and enhancement	As per region-wide actions identified in Table 35.		
Coastal engineering and nature-based	As per region-wide actions identified in Table 35.		
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