# **BRAMSTON BEACH**

Bramston Beach a small beachside town located 80 km south of Cairns directly east of Babinda known for its sweeping sandy beach, open spaces and significant wildlife habitat. The locality is adjoined by rural farmland and the Russell River National Park to the north.



- Bramston Beach is relatively stable and has a wide 70m vegetated foreshore park
- A rock seawall was constructed in 1986 at the end of Bramston Beach Road following repeated storm erosion events
- Important assets at risk include the SES facility and Bramston Beach Transfer Station
- · Beach nourishment has historically occurred and dredging is undertaken as needed at Joyce Creek

### **COMMUNITY ASSETS AT RISK BY 2100**

- Bramston Beach Transfer Station
- Community infrastructure (e.g. boat ramp and caravan park)
- Foreshore parks and environmental areas
- Various road (12kms)
- Supporting services (e.g. water pipes)

Local Adaptation Pathways to respond to coastal hazards (For community assets, based on monitored sea level rise)		TIMING BAS SHORT TERM 0-0.3m	MED ON SEA L MED TERM 0.3-0.6m	EVEL RISE LONG TERM >0.6m
BEACH & FORESHORE MANAGEMENT	<ul> <li>Beach access management (remove unnecessary or informal access, formalise appropriate public paths and inspect and repair access after erosion)</li> </ul>	•		
	<ul> <li>Beach scraping as required to reinforce dunes and reduce risks of erosion scarps</li> </ul>	•		
	<ul> <li>Beach nourishment to protect against erosion and maintain / improve beach amenity</li> </ul>	<b>—</b>		
MODIFY INFRASTRUCTURE AND HAZARD RESILIENT DESIGN	<ul> <li>Update or progressively relocate existing public infrastructure that is at the end of its design life to reduce exposure to coastal hazard risks</li> </ul>	•		
	<ul> <li>Relocate existing foreshore park assets that need updating or locate new assets outside the coastal hazard area</li> </ul>			•
	<ul> <li>Manually change land levels or road levels within coastal inundation hazard areas to reduce risk for new or upgraded assets. Raising road levels should focus on the Bramston Beach Road and Evans Road intersection.</li> </ul>		•	
COASTAL ENGINEERING	Maintain existing groyne to hold the shoreline in position	<b>—</b>		
	• Protect public assets by constructing protection works seaward of public assets to hold the shoreline in the current position. This could include a levee or retaining wall to protect low-lying public assets against inundation from the creek, including the Bramston Beach boat ramp.		•	
ACCEPT THE RISK AND EMBRACE COASTAL PROCESSES	<ul> <li>Allow erosion of the foreshore in areas that do not have critical public assets.</li> </ul>			•
	<ul> <li>Progressively review or relocate infrastructure as inundation encroaches on asset</li> </ul>			•

## **WHAT THE**

- Traditional Custodian values
- Important habitat area (e.g. Cassowary and Mahogany Glider habitat and turtle hatching area)
- Eubenangee Swamp
- Marine plants around the waterways

### **BRAMSTON BEACH**

### **COMMUNITY VALUES**

Holiday homes

#### COMMUNITY **ADAPTATION PRIORITIES**

- Vegetation management and habitat protection
- Review planning considerations
- Dune management including vegetation enhancement and augmentation if necessary
- Landfill site investigation
- Creek mouth management