

Threat	Risk		Timing	Influencing factor			
	Ecosystem	Heritage values		Climate change	Coastal development	Land-based run-off	Direct use
Altered weather patterns	■	■	▲	●			
Sea-temperature increase	■	■	▲	●			
Ocean acidification	■	■	▲	●			
Sea-level rise	■	■	10+	●			
Modifying coastal habitats	■	■	▲		●		
Nutrient run-off	■	■	▲			●	
Sediment run-off	■	■	▲			●	
Outbreak of crown-of-thorns starfish	■	■	▲			●	●
Illegal fishing and poaching	■	■	▲				●
Incidental catch of species of conservation concern	■	■	▲				●
Altered ocean currents	■	■	▲	●			
Barriers to flow	■	■	▲		●		
Marine debris	■	■	▲			●	●
Discarded catch	■	■	▲				●
Extraction of particle feeders	■	■	▲				●
Extraction of predators	■	■	▲				●
Fragmentation of cultural knowledge		■	▲				●
Foundational capacity gaps		■	▲				●
Incompatible uses		■	▲				●
Artificial light	■	■	▲		●		●
Damage to reef structure	■	■	▲				●
Extraction from spawning aggregations	■	■	▲				●
Illegal activities – other	■	■	▲				●
Pesticide run-off	■	■	▲			●	
Outbreak of disease	■	■	▲	Cumulative effect of many factors			
Outbreak of other species	■	■	▲	Cumulative effect of many factors			
Terrestrial discharge	■	■	▲			●	
Acid sulfate soils	■	■	▲		●	●	
Disposal of dredge material	■	■	▲		●		●
Dredging	■	■	▲		●		●
Noise pollution	■	■	▲		●		●
Exotic species	■	■	▲		●	●	●
Behaviour impacting heritage values	■	■	▲				●
Damage to seafloor	■	■	▲				●
Extraction of herbivores	■	■	▲				●
Grounding – large vessel	■	■	▲				●
Grounding – small vessel	■	■	▲				●
Spill – large chemical	■	■	▲		●		●
Spill – large oil	■	■	▲		●		●
Vessel strike	■	■	▲				●
Vessel waste discharge	■	■	▲				●
Wildlife disturbance	■	■	▲				●
Atmospheric pollution	■	■	▲		●		●
Genetic modification	■	■	5+				●
Spill – small	■	■	▲				●

**Figure 9.2 Summary of threats arising from factors influencing the Region's values, and associated scale, timing and risk level**

This figure links identified threats with the key factors (Chapter 6) that have most influence on them, either directly or indirectly. Instances where a factor is likely to only have an insignificant influence on a threat are not displayed (no dot shown). The risk level for each threat is shown, along with the scale of the risk and expected timing of the effects of the threat.

