



## Ocean Grove east bank – climate coastal risk overview

There are a high number of 22 risks at this location, and they span many different asset types. The highly rated risks in 2030 are those risks that would arise under the 0.8 m sea level rise (SLR) scenario that includes the 1% annual exceedance probability (AEP) storm surge event.

**Large parts of the Riverview Family Caravan Park may be inundated under the 0.2 m SLR scenario.**

There are medium or high rated risks of inundation of the Riverview Caravan Park, some roads, private property and environmental assets under the 0.2 m SLR scenario. This increases to include potential inundation of the local golf course, and electricity substations under the 0.5 m SLR scenario.

Under the 0.5 m and 0.8 m SLR scenarios, there is a risk of inundation of a high number of private property – 105 and 205 respectively.

The medium (yellow) and high (orange) risks that have been identified for this location are listed in the table below. Where risks are duplicates at the different SLR scenarios, the highest rated risk is included and other SLR scenarios noted.

Risk	Asset	SLR scenario	2030	2100
Inundation of 205 private buildings <sup>1</sup>	Private	0.8 m		
Inundation of Ocean Grove Golf Club (leading to closure) <sup>2</sup>	Private	0.8 m		
Inundation of OG ocean beaches <sup>3</sup>	Open space	0.8 m		
Inundation of Barwon estuary (26.42 ha of wetlands, 17.46 ha of EVC 992, 12.18 ha of EVC 858) <sup>4</sup>	Environmental	0.8 m		
Riverview Family Caravan Park inundated (324 ensuite, 122,648 sqm, 275 campsites, 25 BC buildings) <sup>5</sup>	Public caravan park	0.2 m		
Inundation of river beaches on Ocean Grove side	Open space	0.5 m		

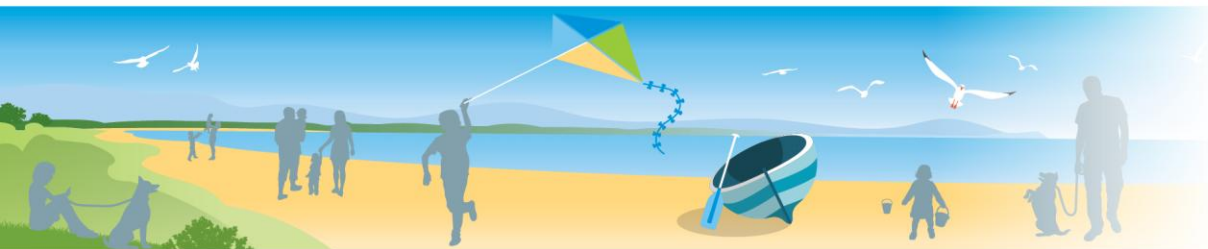
<sup>1</sup> 22 properties inundated at 0.2 m, and 105 properties inundated at 0.5 m




<sup>2</sup> Medium rated risk commences at 0.5 m SLR

<sup>3</sup> Medium rated risk commences at 0.5 m SLR

<sup>4</sup> Similar amounts of inundation of some EVC assets commences at 0.2 m SLR scenarios

<sup>5</sup> This risk continues to be rated at a medium and high level at 0.5 m SLR and medium under the 0.8 m SLR scenarios



Inundation of roads in Ocean Grove East Bank (CoGG 828m) <sup>6</sup>	Road and footpath	0.2 m	
Electricity substations inundated (2) <sup>7</sup>	Electricity	0.5 m	
Gravity sewer inundated (2,721m)	Drains and water network	0.8 m	

<sup>6</sup> This risk increases to potential inundation of 2,544m of CoGG roads under a 0.8 m SLR scenario

<sup>7</sup> Number of substations inundated at 0.8 m increases to 5