



Geelong Waterfront East – climate coastal risk overview

The risks at this location are to City of Greater Geelong buildings and open space assets.

Under the 0.5 m SLR scenario that includes storm surge, there is potential for three City of Greater Geelong buildings to be inundated, albeit temporarily. This rises to six under the 0.8 m SLR scenario.

Also under the 0.8 m SLR scenario there are risk of inundation to informal sports fields and to trees along the waterfront.

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.

There are a few risks at this location and they do not arise until under the 0.8 m sea level rise scenario.

| Risk | Asset | SLR scenario | 2030 | 2100 |
|--|------------|--------------|------|------|
| Inundation of 3 CoGG owned building - Geelong CBD ¹ | Buildings | 0.5 m | | |
| Trees inundated Eastern Beach, Geelong CBD (74) | Open space | 0.8 m | | |
| Informal sports fields inundated (1.56 ha) | Open space | 0.8 m | | |

¹ This risk is rated medium under the 0.8 m SLR scenario, and there is potential of six buildings to be inundated.