

4.3 Sea Level Rise and Coastal Erosion

Objectives

- To ensure people and assets are safeguarded from risks associated with sea level rise and coastal erosion.

Controls

- (1) For development proposals on land identified in the coastal hazards map under Great Lakes Local Environmental Plan 2014, a report from a suitably qualified geotechnical engineer and an engineer specialising in coastal marine processes will be required, to determine the geotechnical and physical stability of the land is not compromised and to determine suitable measures for protection of the building against coastal erosion and recession, changes in storm frequency and intensity and sea level rise.
- (2) Where native vegetation that currently protects a dune system from erosion processes will be affected by proposed development, a Vegetation and Environmental Impact Assessment by a qualified arborist or ecologist may be required.
- (3) A linear sea level rise of 0.9m to the year 2100 is to be taken into account.
- (4) A Geotechnical Report shall also be required on sites affected by coastal hazards such as coastal erosion or erosion or reduced foundation capacity.