

## **13.01 CLIMATE CHANGE IMPACTS**

31/07/2018  
VC148

### **13.01-1S Natural hazards and climate change**

31/07/2018  
VC148

#### **Objective**

To minimise the impacts of natural hazards and adapt to the impacts of climate change through risk-based planning.

#### **Strategies**

Consider the risks associated with climate change in planning and management decision making processes.

Identify at risk areas using the best available data and climate change science.

Integrate strategic land use planning with emergency management decision making.

Direct population growth and development to low risk locations.

Develop adaptation response strategies for existing settlements in risk areas to accommodate change over time.

Ensure planning controls allow for risk mitigation or risk adaptation strategies to be implemented.

Site and design development to minimise risk to life, property, the natural environment and community infrastructure from natural hazards.

### **13.01-2S Coastal inundation and erosion**

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#### **Objective**

To plan for and manage the potential coastal impacts of climate change.

#### **Strategies**

Plan for sea level rise of not less than 0.8 metres by 2100 and allow for the combined effects of tides, storm surges, coastal processes and local conditions such as topography and geology when assessing risks and coastal impacts associated with climate change.

In planning for sea level rise, an increase of 0.2 metres over current 1 in 100 year flood levels by 2040 may be used for new development in close proximity to existing development (urban infill).

Ensure that land subject to coastal hazards is identified and appropriately managed to ensure that future development is not at risk.

Ensure that development or protective works that seek to respond to coastal hazard risks avoid detrimental impacts on coastal processes.

Avoid development in identified coastal hazard areas susceptible to inundation (both river and coastal), erosion, landslip/landslide, acid sulfate soils, bushfire and geotechnical risk.

#### **Policy guidelines**

Consider as relevant:

- Any applicable Land Conservation Council recommendations.
- Any applicable coastal action plan or management plan approved under the *Coastal Management Act 1995* or *National Parks Act 1975*.

## **Policy documents**

Consider as relevant:

- *Victorian Coastal Strategy* (Victorian Coastal Council, 2014)