

# Projected Temperature Changes in Victoria

## TEMPERATURE



- ↑ Daily min & max temperatures
- ↑ Frequency of very hot days
- ↓ Frequency of frost days

## RAINFALL



- ↓ Rain in autumn / winter
- ↑ Extreme daily rainfalls
- ↑ Frequency of intense storms



**Sea Level Rise not less than 0.8 metres by 2100**

# Potential Climate Impacts

- Changes in agriculture production
- Biodiversity loss
- Health issues from heat-stress & insect-borne diseases
- Increased coastal vulnerability
- Economic impacts (assets at risk)



# Role for State Government

- Provide research & information
- Manage risks to public assets
- Coordinate emergency services and provide essential services
- Work with community & local government



# Climate Change Act

## *Climate Change Act 2010*



- Risk assessment
- Potential impacts
- Strategic Responses
- Consideration of Victoria's regions

# Development of the first Climate Change Adaptation Plan

- Working group with representatives from every Victorian Department
- Assessment of sector and cross sector impacts
- Risk prioritisation process
- Targeted stakeholder consultation sessions



# Climate Change Adaptation Plan next steps

- Adaptation plan provides a platform for ongoing communication with Victorians
- Actions will be evaluated
- Next plan developed 2016

