

RESILIENT EAST

Climate Ready
Eastern Adelaide

Natural hazards are getting more frequent and intense.

Climate Change Impacts...

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Our Climate is Changing

Climate change impacts are already being felt across eastern Adelaide. Even if we achieve a substantial reduction in greenhouse gas emissions (**mitigation**), some changes to our climate are already locked in.

This means we need to prepare and respond to the impacts of climate change (**adaptation**). By being proactive and planning now for future impacts, the eastern region can position itself to manage challenges and take advantage of opportunities.

..in eastern Adelaide



MORE FREQUENT, LONG-RUNNING AND INTENSE HEATWAVES

The number of days over 40°C is projected to double by 2050. The frequency and duration of heatwaves is projected to increase.



LESS RAIN OVERALL BUT MORE INTENSE STORMS AND FLOODING

Average annual rainfall is projected to decrease by 7% by 2050. The greatest decline is projected for spring rainfall. In addition, the intensity of heavy rainfall events is projected to increase by at least 10% by 2050.



MORE FREQUENT AND EXTREME FIRE DANGER DAYS

The number of extreme fire risk days is projected to increase by 200% by 2090.



INCREASING TEMPERATURES

Average temperatures are projected to increase across all seasons by between 1.5°C and 2.0°C by 2050.