



PROJECTED CHANGES



Low-emissions scenario



Medium-emissions scenario



High-emissions scenario

2050 2090

2050 2090

2050 2090



Increase in average temperature

+1.1°C +1.2°C

+1.5°C +2.5°C

+1.9°C +3.7°C



Increase in hot days per year

+13.0 +13.8

+16.1 +28.3

+20.8 +41.9



Decrease in cold nights per year

-12.3 -13.5

-15.5 -24.7

-18.7 -31.7



Increase in severe fire weather days per year

+2.6 +3.1

+2.8 +6.1

+4.8 +8.0

REGIONAL IMPACTS

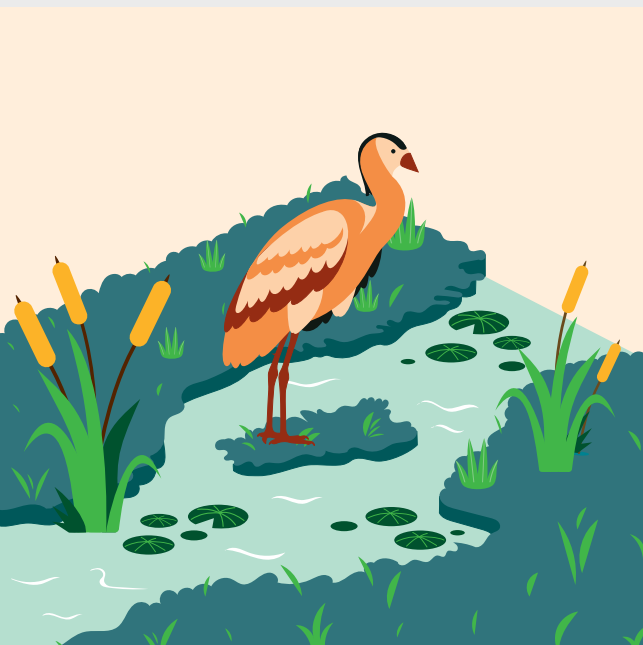
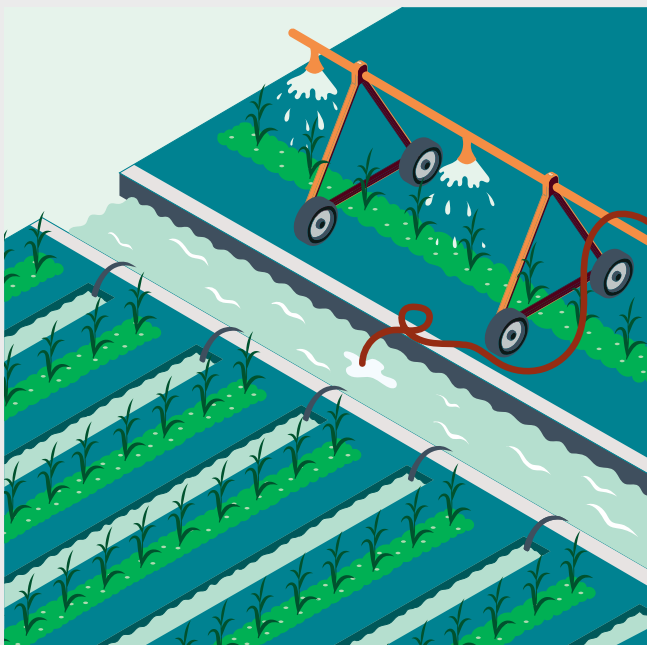


Alpine ecosystems

Decrease in cold nights

Irrigated horticulture

Changes to rainfall



Changes to rainfall

Inland wetlands

Increased extreme heat

Viticulture



Data is based on NARClIM2.0 projections for SSP1-2.6 (low-emissions), SSP2-4.5 (medium-emissions) and SSP3-7.0 (high-emissions) and is presented relative to the baseline period of 1990-2009. Values presented are averages across the NARClIM2.0 model ensemble, and do not represent the full range of plausible climate futures. Climate change impacts are used to highlight how the region is likely to be affected by climate change, and impacts are not limited to the examples provided.