



# Climate Change and Health

## How climate change impacts our environment



Climate change is one of the greatest threats to our health



Temperatures are expected to rise by 2.8-3°C in the Loddon Mallee region by 2050



Pollution contaminates air, water and soil



Greater risk and frequency of extreme weather events - bushfires, storms and floods



Changes in temperature and rainfall patterns affect agricultural productivity and food security



Extreme weather events can lead to changes in quality of water sources

## How climate change impacts our health



Worsening air quality leads to breathing problems



Severe weather events can lead to injury and loss of life



Increased anxiety and trauma due to extreme weather events, displacement and concerns about the future



Air pollution and extreme weather events can increase the risk of heart attacks and strokes



Floods can cause mosquito outbreaks which can spread diseases like Ross River Virus



Decreased water and food quality can cause gastrointestinal infections

## How climate change action is good for our health



Taking public transport means less pollution, less road congestion and cleaner air



Buying or growing local produce reduces carbon miles and increases access to affordable and fresh plant-based food



Green spaces foster community connection, mental wellbeing and reduce heat stress



Riding a bike means less cars on the road, less pollution and more exercise which improves cardiovascular health



Waste management conserves resources and minimises landfill waste which improves air, water and soil quality



Energy efficient buildings reduce emissions and protect people from extreme weather for less cost