



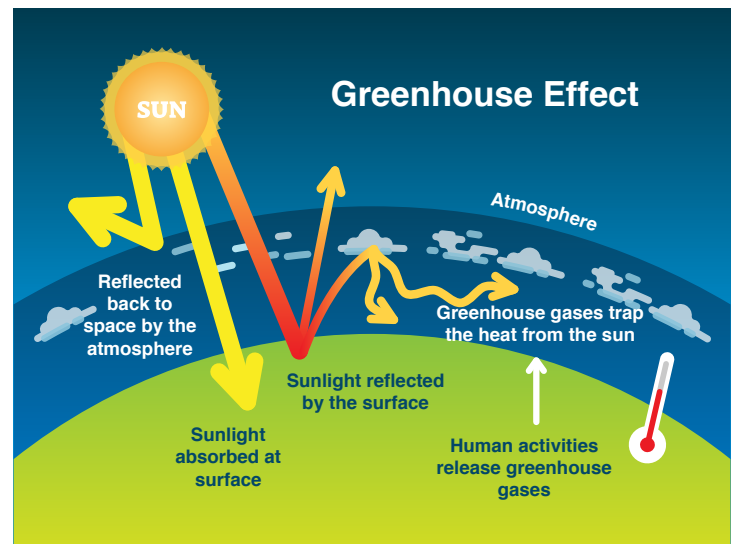
# Climate Change in Clark County

Southern Nevada is a dynamic and vibrant community that is quickly growing, expecting to add another 820,000 residents by 2060. At the same time, we face unprecedented challenges due to climate change, like extreme heat and drought. All-In Clark County is our approach to ensuring a healthy, livable, prosperous, and climate resilient future for all in our region.

## What's Causing Climate Change in Clark County?

The greenhouse gases we release by burning fossil fuels (like natural gas, coal, and gasoline) to power our homes, businesses, and vehicles create a thick "blanket" in the atmosphere, trapping heat and leading to disruptions in the Earth's climate. The result is extreme temperatures and drought, which we are already experiencing in Southern Nevada.

The graph below shows where greenhouse gas emissions in Clark County are coming from and where we will need your help to take targeted action.



50%



BUILDINGS & ENERGY

36%



TRANSPORTATION\*

\*Includes all transportation plus construction and other equipment

12%



SOLID WASTE

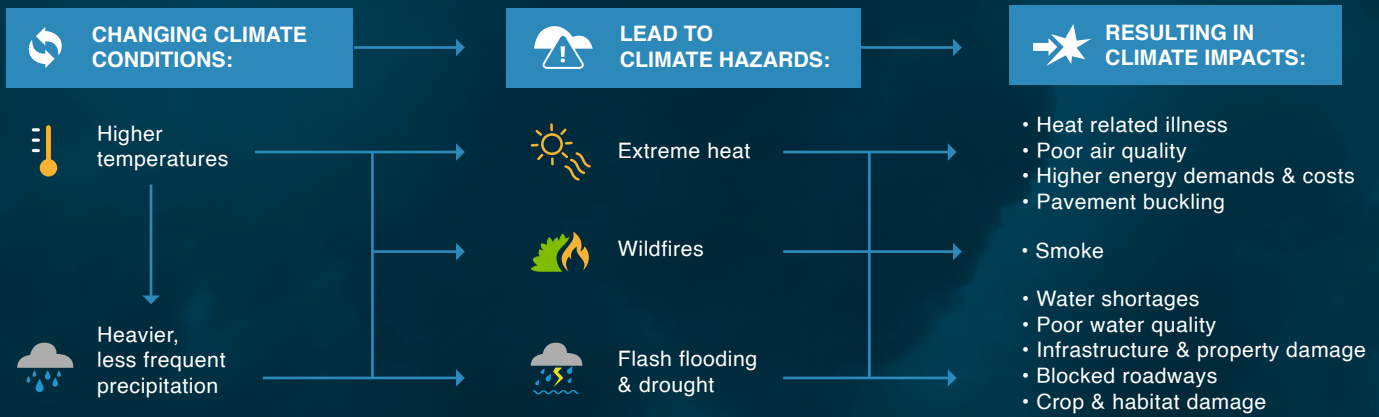
2%



WATER & WASTEWATER

# Preparing for Climate Impacts

Here in Clark County, we have already begun to feel the impacts of a changing climate. Increasing greenhouse gas emissions create two changes in climate conditions in Clark County: higher temperatures and more extreme precipitation. These changes lead to climate hazards like **extreme heat, drought, flooding, and wildfires**. The County has also experienced extreme wind events in recent years, but the science on how climate change affects extreme wind is still evolving. These hazards have direct impacts on the local economy, infrastructure, and the health and well-being of Clark County's communities.



These climate impacts in turn threaten our communities' cultures and traditions, natural world, economy, and way of life. ***That's why Clark County is taking bold action now.***

## Climate Hazards in Clark County

<p> <b>EXTREME HEAT</b></p> <p><b>30 DAYS A YEAR</b> above 106°F expected by mid-century</p> <p><b>#1</b> fastest warming city in the country is Las Vegas</p>	<p> <b>DROUGHT</b></p> <p><b>100%</b> of Clark County in extreme drought conditions, as of summer 2021</p> <p>Lake Mead is at 36% capacity, the lowest in history</p>
<p> <b>FLOODING</b></p> <p><b>↑</b> increase in extreme precipitation events and flash floods by mid-century</p> <p><b>200% ↑</b> increase in flash flood runoff expected in Las Vegas metro area by mid-century</p>	<p> <b>WILDFIRES</b></p> <p><b>↑</b> increase in smoke events and poor air quality days due to regional wildfires</p> <p><b>9.5 MILLION</b> acres burned in Nevada from 2000-2019, more than double the acres burned from 1980-1999</p>

**We are all working together to address these hazards and solve the climate crisis.**

What will you do to help Clark County go **ALL-IN?**



Join us at [plan.allinclarkcounty.com](http://plan.allinclarkcounty.com)