

# CLIMATE ACTION TODAY FOR TOMORROW'S FUTURE



## What is Climate Change?

The greenhouse effect is a natural atmospheric phenomenon that creates habitable conditions for life on Earth by trapping heat in the atmosphere. When we burn fossil fuels, we release greenhouse gases (GHGs), which are not a part of the natural carbon cycle. These additional GHGs amplify the greenhouse effect and contribute to the rapid warming of our planet. This process, the warming of our climate and its collective impacts, is referred to as climate change.

## How Does Climate Change Affect Us?

Los Angeles is expected to experience the following climate-related conditions, among others, some of which have already been seen over the past few years:



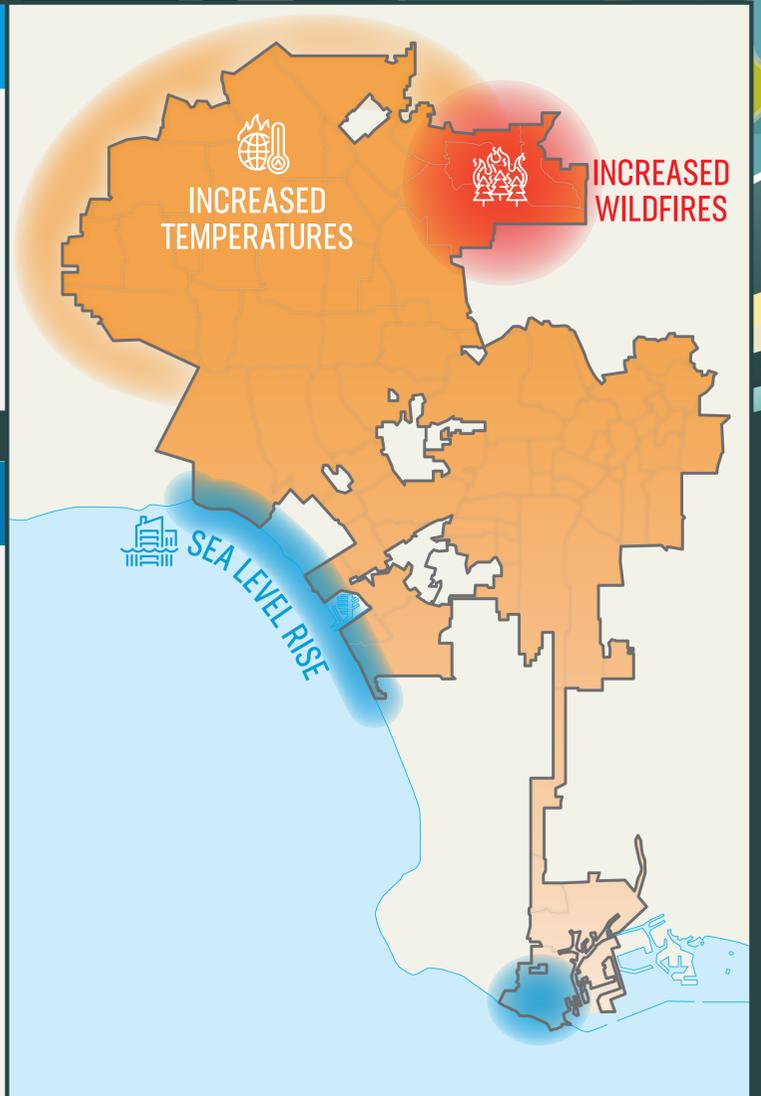
**Increased Temperatures:** Increased heat and smog create a health hazard, especially for infants, children, and the elderly.



**Sea Level Rise:** Sea level rise could cause significant flooding and erosion of hundreds of miles of coastline, greatly impacting homes, agricultural lands, and low-lying cities.



**Increased Wildfires:** More wildfires mean worsened air quality, increased property damage and human safety risk, and destruction of our forests.



## What Can We Do About Climate Change?

Combating climate change requires collaboration between an array of government agencies, private organizations, and individuals. There are three key areas where we, the City and its residents, can focus our efforts to make significant progress in reducing emissions and addressing climate change.



### ENERGY

#### WHAT IS THE CITY DOING?

Continuing to invest in energy-efficient infrastructure, implement energy-related building codes, and grow its renewable energy portfolio.

#### WHAT CAN YOU DO?

Reduce your energy use by remembering to unplug devices and turn off lights when no longer in use. Investing in solar panels is also a good way to reduce energy-related GHG emissions.



### TRANSPORTATION

#### WHAT IS THE CITY DOING?

Transitioning its fleet of transit buses to be 100% electric, and looking to rapidly increase the procurement of light-duty electric vehicles for the rest of its fleet.

#### WHAT CAN YOU DO?

Reduce your transportation-related emissions by carpooling with others, taking public transit, and investing in zero- or low-emissions vehicles.



### WASTE

#### WHAT IS THE CITY DOING?

Implementing programs such as recycLA, which will ensure that all commercial and industrial businesses, institutions, and large multifamily buildings within the City have recycling services available to them.

#### WHAT CAN YOU DO?

Reduce, Reuse, and Recycle. Reduce your waste by being mindful of your purchases and needs. Invest in items that can be reused, such as reusable bags. Recycle all plastic, cardboard, and paper items, while being mindful of contaminated material.

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