WHAT YOU NEED TO KNOW ABOUT



# 8 PALO CORONA REGIONAL PARK

## CLIMATE VS WEATHER

### WEATHER

Outdoor conditions, such as rain or temperature, at a given place and time (like if it rained in Monterey on Tuesday)

### CLIMATE

The average weather patterns of an entire area over a longer period of time (like the Monterey Peninsula being cool most of the year)

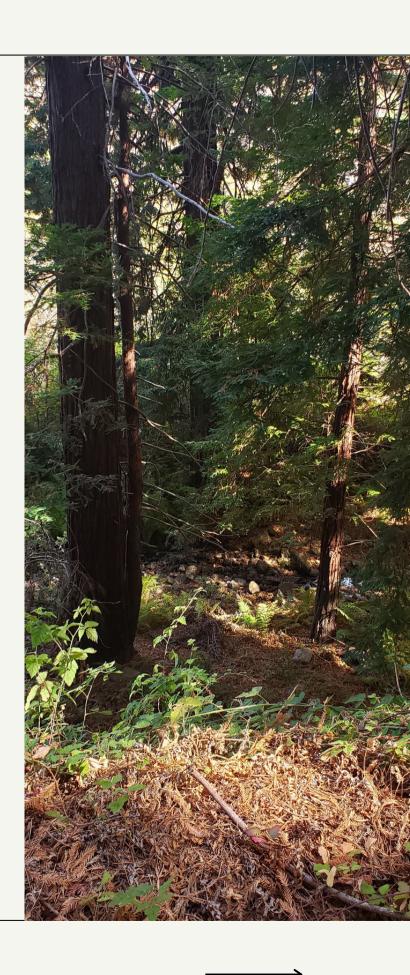
Climate Change means changes in our average climate patterns - not just changes in our day-to-day weather.



When we burn fossil fuels like coal, oil and gas, we release excess carbon dioxide into the atmosphere.

This acts like a blanket around the earth, holding heat in and causing the atmosphere and the ocean to warm.

(NNOCCI)





As a whole, California is expected to face increases in temperature, water shortages, wildfires and sea level.

(State of California)

How big these increases are depends on how much we're able to decrease our greenhouse gas emissions, aka how much coal, oil & gas we burn.

FEWER EMISSIONS = FEWER PROBLEMS

Inland areas of the Monterey Peninsula like Palo Corona are expected to be at higher risk for:

- Wildfires
- Stronger storms
- More droughts

- Increased temperatures
- Fog changes

(Climate Committee)



# WHAT CAN YOU DO?

- Vote for people committed to protecting the environment and stopping climate change
- Volunteer with local organizations that help the environment: www.mprpd.org/volunteercommunity-alive
- Write or call your local or state representatives to let them know you are concerned about climate change and want them to take action
- **Know** that by working with your community, you can make a difference!

#### SOURCES

Climate Committee. (2021, April). Vulnerability Assessment: Working Draft. City of Carmel-by-the-Sea

County of Monterey Planning and Building Inspection Department (2008). Draft Environmental Impact Report. https://www.co.monterey.ca.us/home/showdocument?id=44002

Gonzalez, P. (2015, Apr 22). Climate Change Trends, Vulnerabilities, and Ecosystem Carbon, Redwood National Park, California. U.S. National Park Service. <a href="https://irma.nps.gov/DataStore/DownloadFile/530189">https://irma.nps.gov/DataStore/DownloadFile/530189</a>

Monterey Peninsula Regional Parks District (MPRPD). (2018). Palo Corona Regional Park Development Plan. <a href="https://www.mprpd.org/files/823a4cdd6/PaloCoronaGDP\_upload.pdf">https://www.mprpd.org/files/823a4cdd6/PaloCoronaGDP\_upload.pdf</a>

NNOCCI (2017, Jan 7). Heat-trapping Blanket Reframe Card. Climate Interpreter. https://climateinterpreter.org/resource/heat-trapping-blanket-reframe-card

State of California. (2018). California's Fourth Climate Change Assessment. https://www.climateassessment.ca.gov/state/overview/