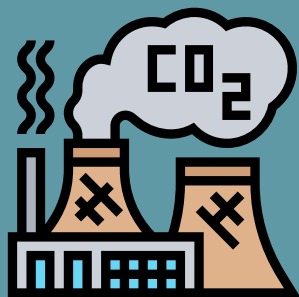


**CONTRIBUTORS**  
to a

# WATER SHORTAGE

In 2022, Arizona announced being in the Tier 1 stage of a water shortage. As of January 1, 2023, some Arizona cities (like Gilbert, AZ) entered into the Tier 2A stage.



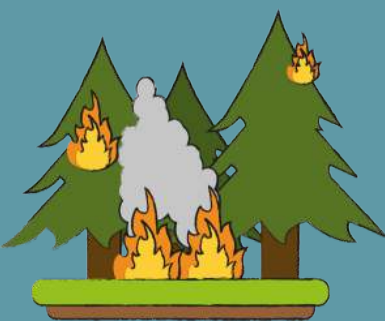
## Burning Fossil Fuels

High amounts of burning fossil fuels can cause some areas to become dryer with less rainfall, and other areas to become wetter with more rainfall.



## Natural Disaster

Increased hurricanes, tsunamis, and other natural disasters can lead to increased water contamination in ground water and water supplies.



## Wildfires

With less rainfall and increased temperatures each year, Arizona wildfires contribute to the ongoing drought in the state. Roughly 80% of wildfires were caused by humans in 2020.



## Pollution

This includes air pollution, ground water pollution, and more.

There are **Three Tiers**. Arizona **Tier 1** Water shortage happened due to the Lake Mead's water level reaching below 1,075 ft. **Tier 2A** occurs when Lake Mead reaches 1,050 ft. It is projected that as of January 2023, Lake Mead will be around 1,048 ft(roughly).

*[According to the Arizona Department of Water Resources.]*