

UNCOOL

COOL

Baking-Hot Temps!

Dark, Hot Roofs, Pavements & Walls

Higher Energy Demand + Waste Heat (AC)



Most Vulnerable to Heat: Outdoor Workers, Elderly, & Homeless



Lower Temps

Light Cool Roofs, Pavements & Walls

Trees Provide Shade + Save Energy



Vulnerable Populations Protected

WHAT'S EXTREME HEAT?

Extreme heat occurs when the temperature is much hotter and/or humid than average, which can lead to heat-related illnesses and deaths. Luckily, there are several ways to stay safe and cool.

Urban Heat Islands

These are urban areas with little to no tree cover, where air temperatures can be as much as 22°F hotter than less developed regions.

Energy Demand

Urban heat islands raise energy demand, which leads to more air pollution and greenhouse gas emissions.

Who is at Risk?

Heat is the top cause of weather-related deaths every year. Groups most vulnerable to extreme heat are the elderly, outdoor workers, homeless and people with chronic illness. And don't forget about pets!

FOR MORE INFORMATION

www.treepeople.org/urbancooling

www.epa.gov/heat-islands

www.cdc.gov/disasters/extremeheat/index.html

www.lacounty.gov/heat/

www.ladwp.com/rebatesandprograms



Trees

Trees lower surface and air temperatures by providing shade and evaporative cooling. Shaded surfaces may be 20–45°F cooler than the peak temperatures of unshaded materials. LA City residents can get free trees by visiting www.cityplants.org

Cool Roofs, Pavements, and Walls

When a high solar reflectance—or albedo—is used on roofs, pavements, and walls, it can help stay up to 50–60°F cooler than conventional materials. LA Department of Water & Power customers can take advantage of the City's cool roof rebate.

Cooling Tips

Stay hydrated, wear light-colored, loose-fitting clothing, and stay in a cool indoor space. Check on elderly relatives and neighbors, especially those living alone. If you do not have air conditioning, find an air-conditioned public space near you by visiting www.lacounty.gov/heat.

LOS ANGELES URBAN °COOLING COLLABORATIVE