

JPL SUPPORTS ENVIRONMENTAL SOLUTIONS ... ACROSS LOS ANGELES AND ACROSS NEEDS

ANGELES NATIONAL FOREST



Monitoring habitat integrity for wildlife



Mapping wildfire risks & recovery

SAN BERNARDINO



Finding methane leaks




Studying causes of poor air pollution

DOWNTOWN




Identifying the hottest pockets of the city

PORTS OF LOS ANGELES & LONG BEACH




Understanding fossil fuel carbon dioxide emissions



Measuring coastal water quality



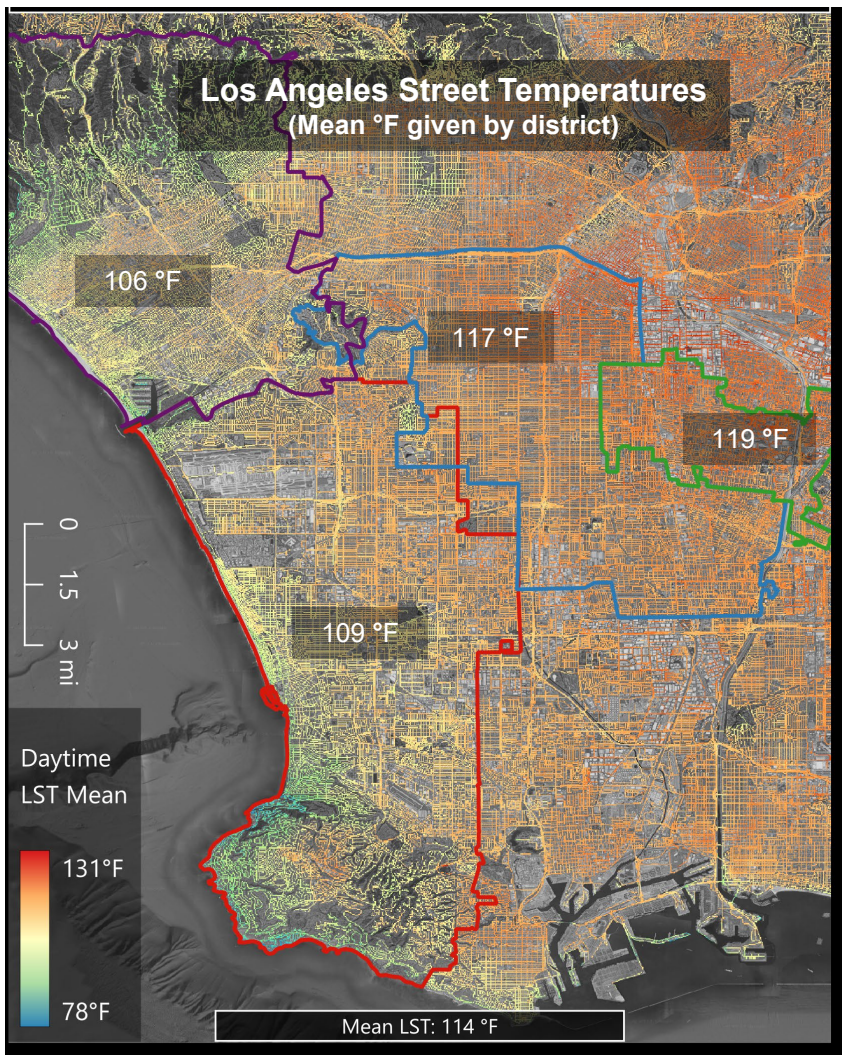
Monitoring landslides



Projecting future sea level rise

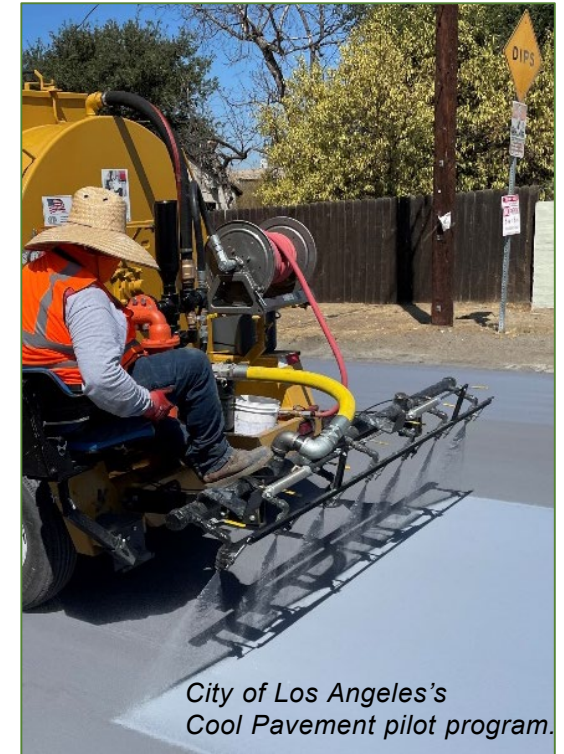
SNAPSHOT:

JPL DATA USED TO ADDRESS URBAN HEAT IN LOS ANGELES



Los Angeles can feel like it's burning up in the summer – but some areas feel it more than others. City officials use JPL's ECOSTRESS satellite instrument data (left) to pinpoint which city streets experience the most severe heat.

The data helps them identify streets with the highest priority for intervention, such as planting more trees or painting the concrete with reflective paint.



By enabling us to target our limited resources more appropriately, this information will help prevent injury, illness, and death.”

*- Rita Kampalath,
LA County Sustainability Office, Bureau of Street Services*

ECOSTRESS SHOWS CLEAR DIFFERENCES IN HEAT ACROSS LOS ANGELES COUNTY