



Based at the University of California San Diego, ALERTCalifornia is a public safety program working to understand natural disasters and determine short and long-term impacts on people and the environment to inform management decisions.

LEARN MORE  
(HTTPS://ALERTCALIFORNIA.ORG/ABOUT/)



**ALERTCalifornia**

ALERTCalifornia is a UC San Diego (<https://ucsd.edu>) Program

## VIEW LIVE CAMERA FEEDS

Cameras and sensors are deployed throughout California to monitor wildfires and disasters in real-time.

ALERTCalifornia has more than 1,200 high-definition, pan-tilt-zoom cameras deployed across California (as of February 2026), providing a 24-hour backcountry network with near-infrared night vision to monitor disasters such as active wildfires. ALERTCalifornia cameras can perform 360-degree sweeps approximately every two minutes and can view as far as 60 miles on a clear day and 120 miles on a clear night.

Explore our “camera quilt” to view live camera feeds and for more details on camera and network status.



[LEARN MORE  
\(HTTPS://CAMERAS.ALERTCALIFORNIA.ORG/\)](https://cameras.alertcalifornia.org/)



**1,200 cameras deployed**  
(as of February 2026)

*“California is fighting fires smarter, combining cutting-edge technology with a world-class firefighting force – all to better protect our communities. CAL FIRE has been spearheading this effort from the very beginning, proactively partnering with UC San Diego and embracing innovation in their constant efforts to make California more resilient to wildfires.”*



**GAVIN NEWSOM**

California Governor

Source (<https://www.gov.ca.gov/2023/10/24/time-recognizes-cal-fire-as-a-best-invention-of-2023/>)

## PARTNERS

ALERTCalifornia is a UC San Diego (<https://ucsd.edu>) program.

Interested in becoming an ALERTCalifornia partner? Learn more on our [FAQs page \(/faqs/\)](/faqs/).

Already a partner? Explore our [Partner Resources page \(/partners/\)](/partners/).



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LEARN MORE  
([HTTPS://ALERTCALIFORNIA.ORG/PARTNERS/](https://alertcalifornia.org/partners/))



## NETWORK + TECHNOLOGY

ALERTCalifornia has an extensive, ever-expanding camera network in California. Researchers at UC San Diego have taken the lead in creating the cyberinfrastructure to process, store, manage and visualize the massive amounts of incoming data from these camera installations. Our discoveries help mitigate the impact of wildfires on people and property, and bolster research into how to best prepare and respond to wildfire threats, both before, during and after serious burn events.

As the ALERTCalifornia camera network and cyberinfrastructure grow in size and sophistication, UC San Diego researchers are using cutting-edge technology to gain insight into changing natural disaster patterns in the West. ALERTCalifornia provides state-of-the-art technology that supports data-driven decisions to prepare for, respond to, and recover from natural disasters.

LEARN MORE  
([HTTPS://ALERTCALIFORNIA.ORG/TECHNOLOGY/](https://alertcalifornia.org/technology/))

(<https://www.alertcalifornia.org/>)

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