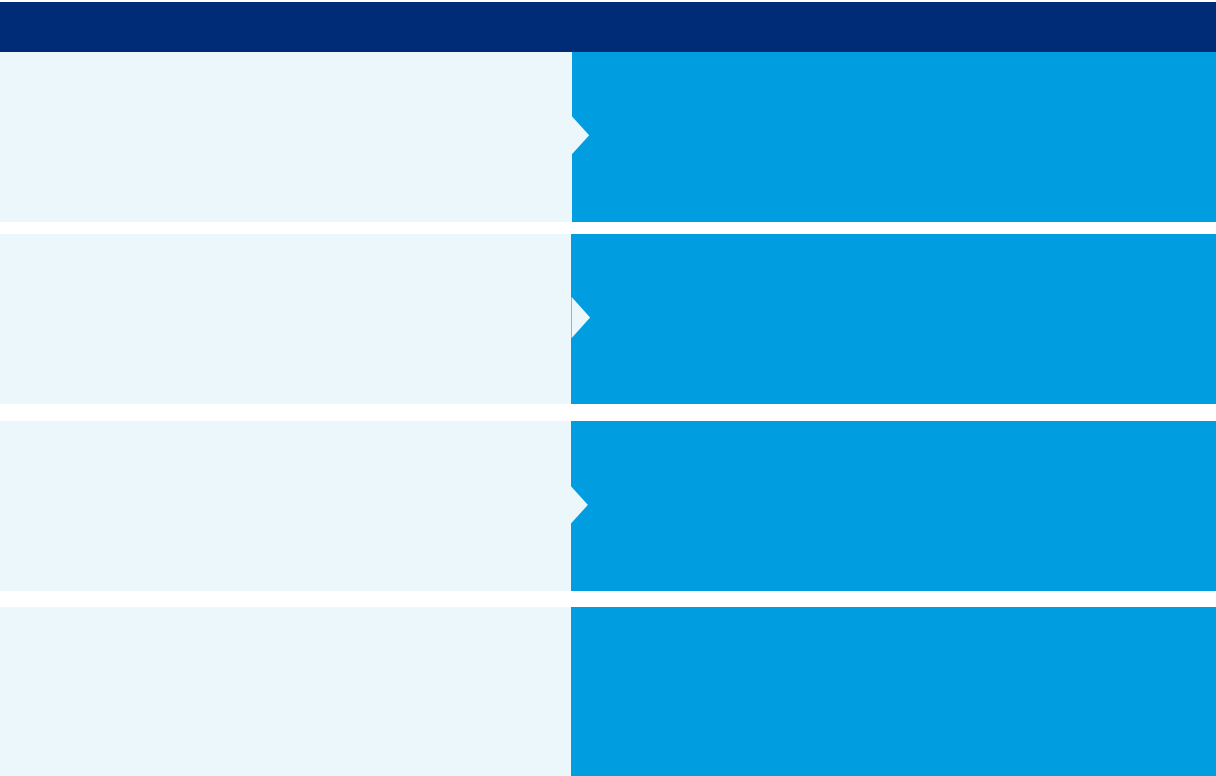


# PARAMETRIC WILDFIRE





## How It Works: GC FireCell Structuring & Response

- GC FireCell defines the area of coverage, usually starting with a set of polygons that describe the exposures.
- GC FireCell uses a grid with a resolution of 0.001 decimal degrees (about 100meters) to represent exposures with a set of “virtual stations.”



- GC FireCell associates a fire pixel (circle) to each satellite observation with a radius proportional to the instrument resolution.
- The stations within the footprint of those fire pixels produce a payout equal to their assigned limit.

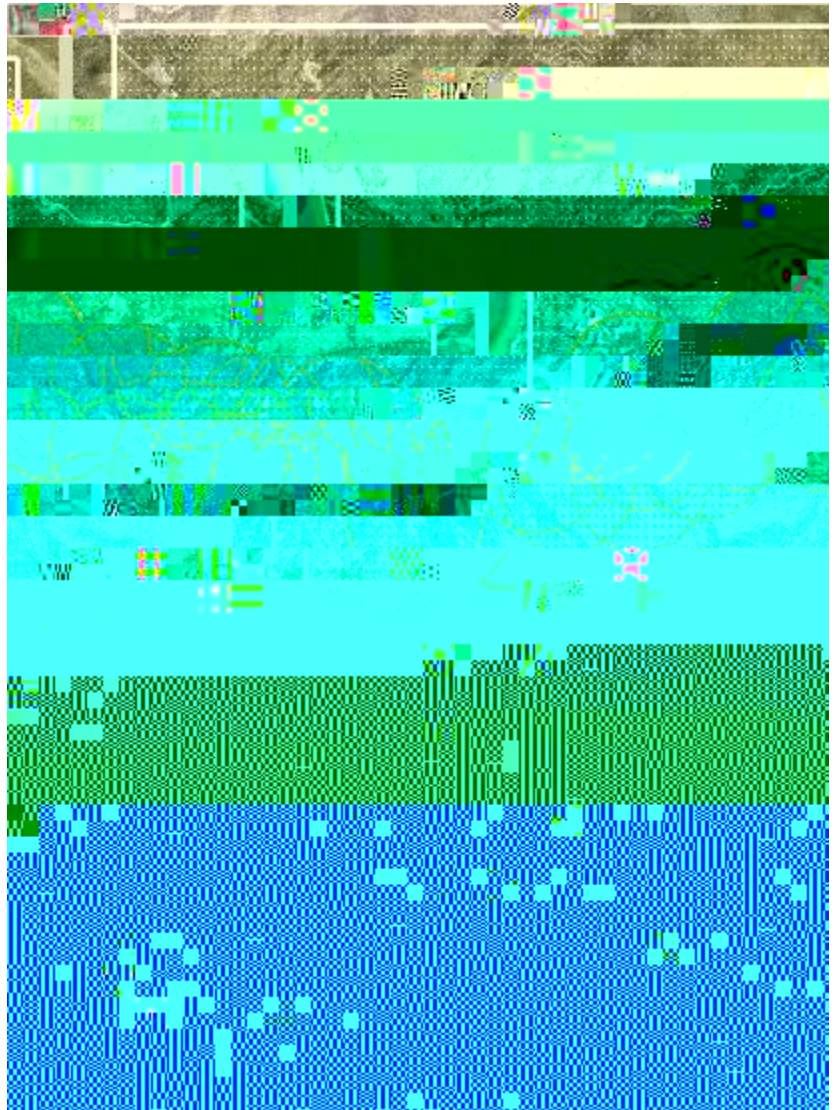
# California (Gondola) Case Study

On July 3, 2002, the Gondola Wildfire started in South Lake Tahoe, CA



## FireCell Cover

A GC FireCell parametric



# Australia (Catarrh Creek Fire) Case Study

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**On March 9, 2019, the Catarrh Creek Fire started in New South Wales, Australia**

## Continuous Monitoring

FIRMS continuously monitored this event, providing an accurate reflection of what occurred in near real time. As the footprint progresses, GC FireCell tracks the payout.

## Near Real Time

FIRMS satellite wildfire observations are available within approximately 3 hours of data acquisition and reviewed periodically.

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