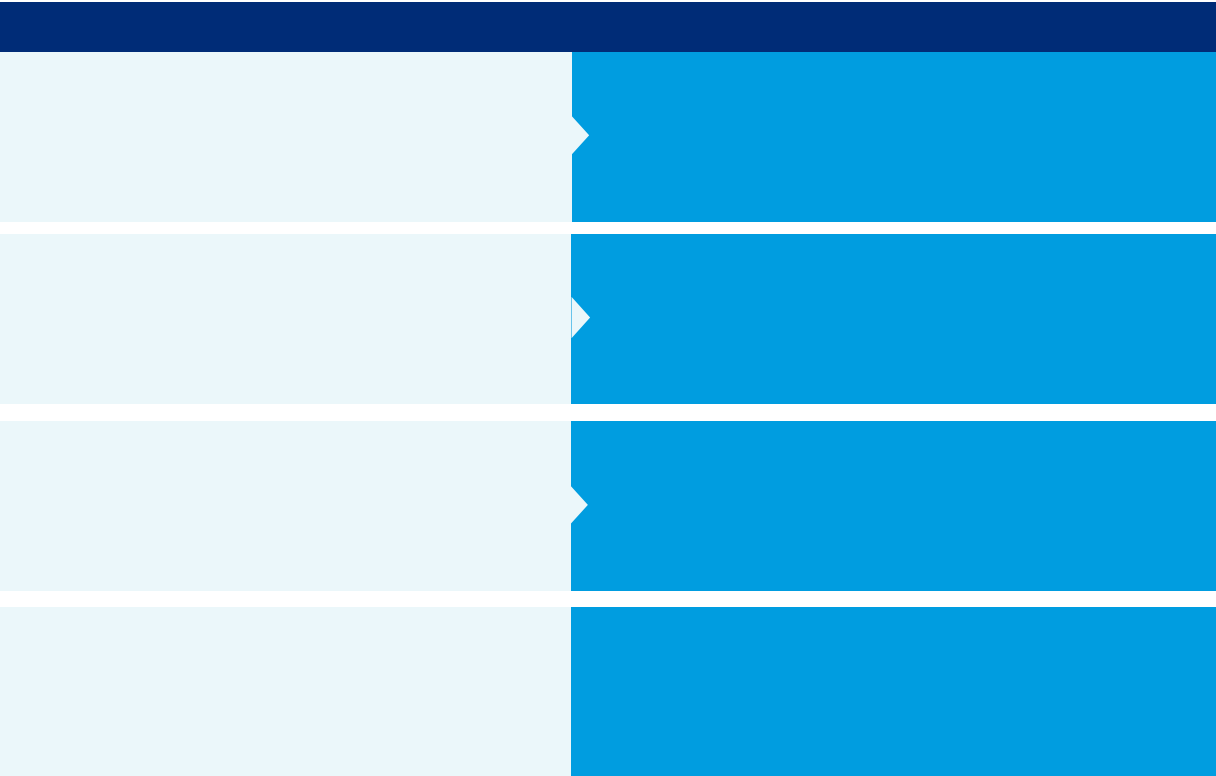
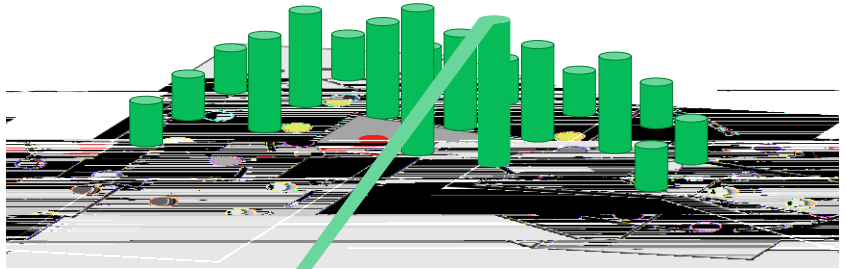


PARAMETRIC WILDFIRE



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.

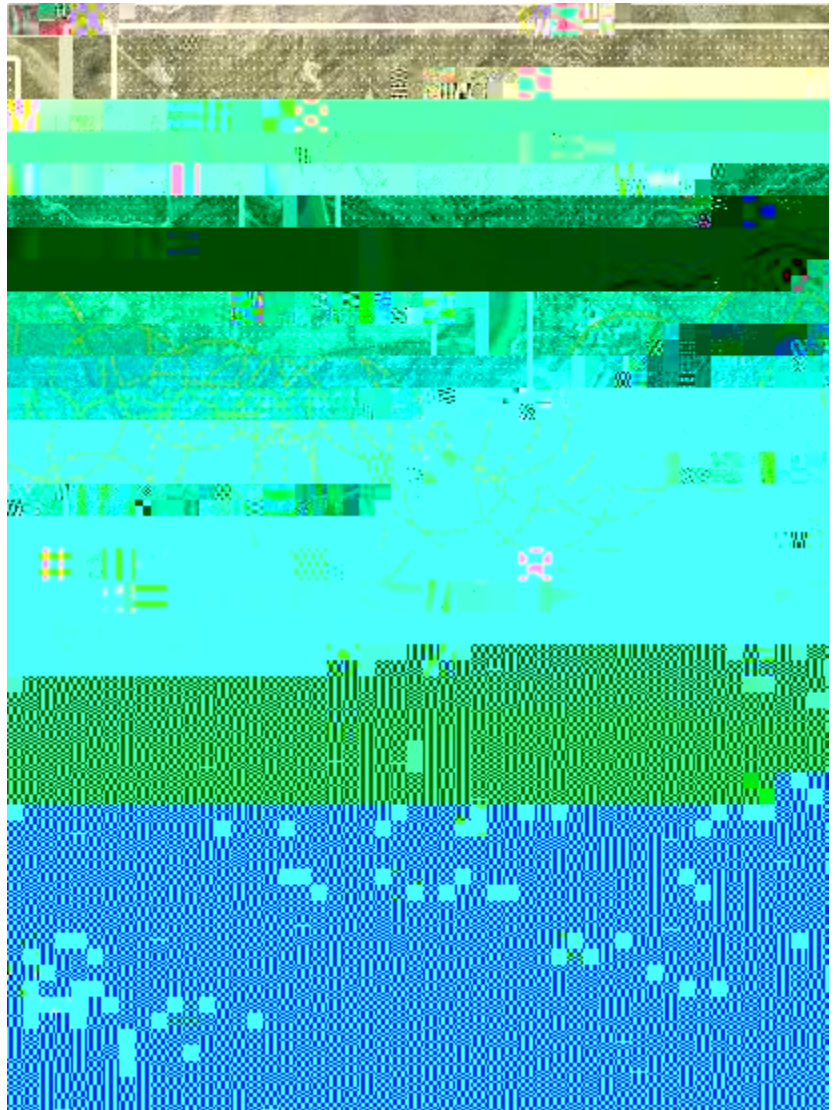
California (Gondola) Case Study

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

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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