planet

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PLANET SOLUTIONS
for Emergency and Disaster Management

La Palma, Canary islands • October 10, 2021

Planet's Emergency and Disaster Management Solution is designed to offer government, commercial, and non-profit organizations flexible monitoring options when disaster strikes. Mitigate risks, accelerate disaster response, improve recovery, and prevent losses with before, during, and after disaster imagery, anywhere on Earth.

COMPLETE COVERAGE

24h			
Daily Revisit	**Complete Coverage**	**High Resolution**	**Global Archive**
Continuous monitoring of areas of interest, assess impact and plan response with the most recent imagery.	Gain situational awareness of the extent of damage throughout your entire territory.	Estimate damages and direct relief efforts with up to sub-meter resolution.	Pre-event archive of data containing 10+ bn km^2 of imagery since 2009.

APPLICATIONS

Planet's imagery archive and daily collections enable informed action across the **Disaster Risk › Response › Recovery › Resilience** continuum.

PREVENTION

Daily imagery and our historical archive enable an accurate risk assessment that can save time and resources.
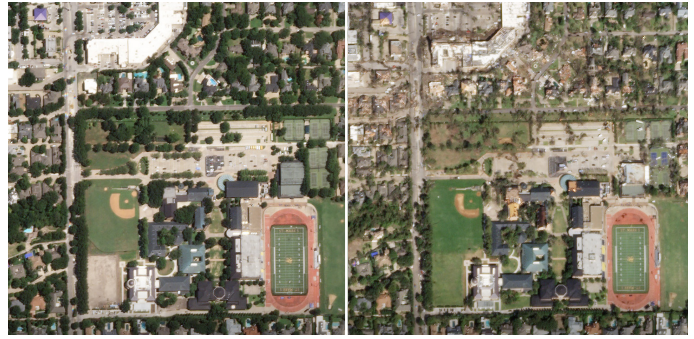
• Understand and mitigate disaster risk exposures, before they occur.

• Lower insurance and civil planning costs with recent and accurate modeling.

• Develop inventories of assets exposed to potential or known hazards.

PREPAREDNESS

Leverage the best "last available" image before an event.

- Pre-position assets to accelerate response.
- Develop informed disaster scenarios with pre-disaster information.
- Obtain more robust forecasting and early warning with daily evolution monitoring of phenomena.

Before the tornado
Dallas, Texas • July 18, 2019

After the tornado
Dallas, Texas • October 21, 2019

RESPONSE

Get situational awareness and coordinate rapid response with frequent imaging before, during, and after a disaster.

- Leverage intraday tasking to access and ingest disaster imagery in real time.
- Analyze before-and-after imagery to assess damage and map spread.
- Detect change, identify road blockages, and effectively deploy on-the-ground resources.

January 20, 2022   January 22, 2022   January 23, 2022

Colorado Fire • Big Sur, California

RECOVERY AND RESILIENCE

Oversee short-term and long-term recovery progress with daily, global imagery.

- Plan and track recovery operations as events unfold.
- Monitor construction, revegetation, and repair of critical infrastructure and systems.
- Enhance preparedness, identify trends, and understand adaptation with archive imagery since 2009.

August 13, 2021   September 2, 2021   September 7, 2021

Flooding • Raritan river, New Jersey

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