



Crisis Event Service



QuickBird



WorldView-1



Moulmein, Myanmar
pre-2008 cyclone



Moulmein, Myanmar
post-2008 cyclone

Effective emergency planning and response requires quick and easy access to accurate and up-to-date information. DigitalGlobe's online Crisis Event Service provides fast web-based access to pre- and post-event imagery of world disasters for emergency planning, risk assessment, monitoring staging areas and emergency response, damage assessment and recovery.

OVERVIEW

When a major disaster is identified, DigitalGlobe's satellite constellation acquires timely post-event imagery of affected areas within 1 to 3 days. DigitalGlobe defines disaster events based on information from the International Charter of Space and Major Disasters as well as our own assessment.

For each event, DigitalGlobe will attempt to add at least 3 imagery versions of affected areas to the web service for a more complete story: the latest pre-event image from our ImageLibrary archive, any imagery taken during or just after the event, and an additional follow up image up to 30 days after the incident.

Online Delivery

Connect your organization to the service in the way that best meets your needs. Choose from our web plug-ins for GIS software, A WMS service, or our API's and SDK's for custom map server and java applications.

BENEFITS

Improve Efficiency

Quickly identify high risk areas, monitor the nature and extent of damage, plan access and evacuation routes, and manage recovery and claims efforts. Spend less time and resources managing imagery of impacted areas.

Worldwide Reach

We constantly monitor world events so that we image them as they occur. Our constellation of satellites helps ensure that no corner in the world is too far out of your range.

Connect Seamlessly

Connect through a suite of web services that sync directly with desktop and enterprise applications for fast, seamless access.

Historical Context

More fully understand the extent of damage with images taken both before and after an event. View the most recent pre-event imagery from our ImageLibrary as well as new post-event coverage.



SPECIFICATIONS

Satellite Sensors	QuickBird and WorldView-1
Imagery Color Type	Color (QuickBird), Panchromatic (WorldView-1), and near-infrared (QuickBird, when available)
Image Resolution	60 centimeter (QuickBird) to 50 centimeter (WorldView-1), with 15meter color LandSat imagery included as mid resolution basemap.
Cloud Cover Specifications	Varies depending on weather conditions
Accuracy	1:50,000 accuracy most common, but may vary depending on circumstances.
File Type	Jpeg. GeoTiff or other file formats are also available through separate offline orders at standard DigitalGlobe offline ordering prices.
Off-Nadir Angle	Varies

INDUSTRY APPLICATIONS

- Insurance and Reinsurance
- Local and Central Governments
- Defense and Homeland Security
- Safety Agencies: Police, Fire, Forest Services, etc.
- Multinational and Humanitarian Agencies

A MORE INFORMED RESPONSE

When a devastating earthquake struck L'Aquila, Italy in April of 2009, DigitalGlobe chronicled the damage and subsequent response efforts.



BEFORE: Bell tower in central L'Aquila



AFTER: Bell tower collapsed
Collected April 8, 2009



RESPONSE: Relief shelters constructed
in the days following the quake

SUBSCRIPTIONS

Flexible enterprise and per-user subscriptions are available depending on duration and regions required. This service is not available for free public distribution. Speak to your DigitalGlobe representative for more information.

DELIVERY METHOD



WEB-BASED DELIVERY