NV5 GEOSPATIAL

EMERGENCY MANAGEMENT

Government Solutions

NV5G EDGE

NV5 Geospatial is a committed partner to agencies charged with emergency preparedness and response. Our up-to-the-minute imagery and advanced geospatial analytics help emergency managers reduce the human and environmental costs of any natural or man-made disaster.

RAPID EMERGENCY RESPONSE

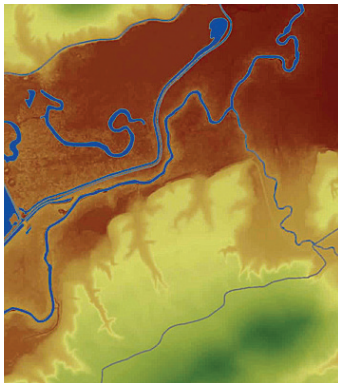
When disaster strikes, NV5 Geospatial is ready. We can mobilize aircraft and crew at a moment's notice and have the national coverage to respond within 24 hours anywhere in the U.S.

Our fast-track performance – demonstrated in dozens of emergency tasks – ensures that first responders have accurate information to direct search and rescue efforts. Timely geospatial data can enhance evacuation planning, site access planning, route detouring, and the overall success and safety of emergency response efforts.

RECOVERY AND MITIGATION

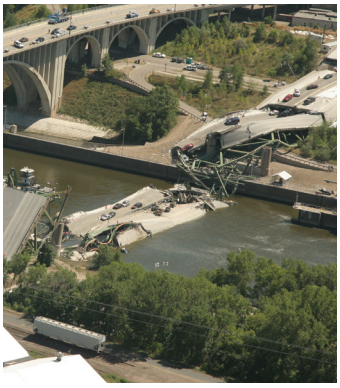
NV5 Geospatial is a valued contributor to both ongoing and disaster-specific mitigation programs. In addition to participating in FEMA's Flood Hazard Mapping Program, we've provided imagery to support damage assessment, recovery planning, and habitat restoration in the aftermath of hurricanes, tornados, floods, fires, and other crises.

We are also working to improve emergency preparedness with innovative lidar applications that include automated landslide detection, environmental sensitivity mapping, and predictive flood risk analytics. In addition, our geospatial services inform land use policies and the design of disaster-resilient buildings.



Flooding

EF5 Tornado



Bridge Collapse

SELECT CLIENTS

- Department of Homeland Security (DHS)
- Federal Emergency Management Agency (FEMA)
- U.S. Coast Guard (USCG)
- National Oceanic and Atmospheric Administration (NOAA)
- U.S. Army Corps of Engineers (USACE)
- U.S. Army Geospatial Center (AGC)
- U.S. Geological Survey (USGS)

SERVICES

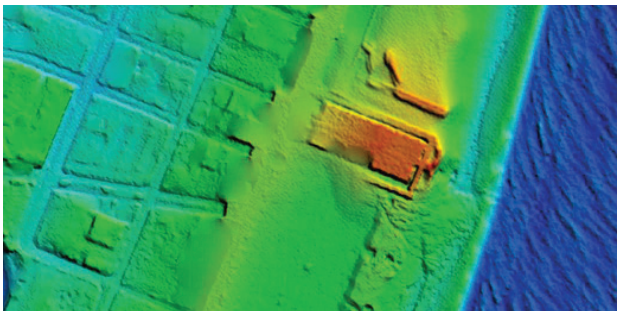
- Lidar Analytics
- Orthoimagery
- Thermal Infrared
- Multi/Hyperspectral
- High-Accuracy Mapping
- Feature Extraction
- Predictive Analytics
- Enterprise GIS

For more information or to schedule a meeting contact nv5g-federalsales@nv5.com

NV5 GEOSPATIAL

ACQUIRE
ANALYZE
ANSWER

APPLICATIONS

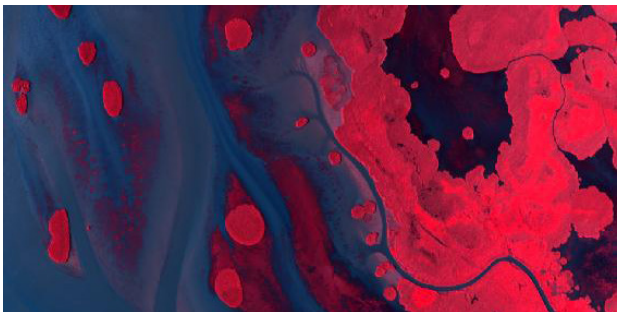


HURRICANE SANDY

NV5 Geospatial is contributing to the recovery efforts for Hurricane Sandy, the most destructive hurricane of the 2012 season. Our team was tasked with emergency lidar collection and processing for the barrier islands along the Atlantic coast. The data will be used for damage assessment and recovery planning.

OSO LANDSLIDE

Within 24 hours of the 2014 Oso landslide, NV5 Geospatial was capturing lidar images of the massive debris field. Our lidar survey provided critical information for first responders, revealing with stunning clarity the extent of disaster. Longer term, the analysis of the lidar data will be valuable for mitigation and restoration measures.



DEEPWATER HORIZON OIL SPILL

NV5 Geospatial applied our expertise in GIS software to the 2010 Deepwater Horizon oil spill response and subsequent natural resources damage assessment. Working closely with BP and government officials, we rapidly developed and deployed a cloud-based solution to host, manage, and disseminate huge volumes of geospatial data and imagery.

FLOODING

NV5 Geospatial is a trusted partner to FEMA and other agencies charged with damage assessment and recovery operations following riverine or coastal flooding. We also support flood mitigation measures with floodplain mapping, inundation modeling, and predictive flood risk analytics.

GEOLOGIC HAZARDS

NV5 Geospatial is at the forefront of using geospatial analytics to detect geologic hazards, including landslides and fault lines. High resolution lidar modeling reveals subtle surface features that are undetectable via aerial photographs or field observation.

MAN-MADE DISASTERS

We have a proven record of quickly mobilizing to support emergency response efforts following infrastructure failures, gas explosions, oil spills, and other disasters. In addition to assisting search and recovery efforts, our engineering-grade maps can inform forensic analysis and reconstruction.

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