

# NATURAL RESOURCES

ACQUIRE  
ANALYZE  
ANSWER

## INDUSTRY SOLUTIONS

### WHY NV5 GEOSPATIAL?

NV5 Geospatial is an award-winning partner to agencies whose mission is to manage and protect our natural resources. Since 1996, we've helped federal clients use geospatial data to better understand and manage land, water, and wildlife resources. Our services enable more informed decision-making for a variety of natural resource concerns, including coastline resiliency, wildlife conservation, forestry, and watershed management.

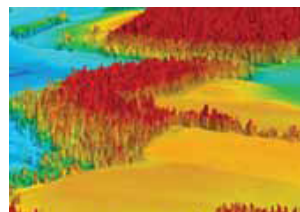
### SOLUTIONS

- Lidar
- Orthoimagery
- Thermal Infrared
- Sensor Fusion
- Feature Extraction
- High-Accuracy Mapping
- Geospatial Analytics
- Enterprise GIS



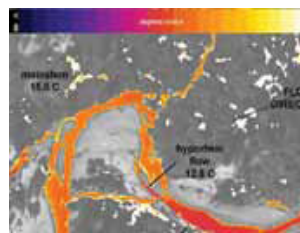
#### SCIENTIFIC STRENGTH

We are experts at addressing complex issues with sound scientific conclusions drawn from geospatial data. Our specialized knowledge goes well beyond GIS to include geology, biology, hydrology, forestry, and other scientific disciplines.



#### MULTIDISCIPLINARY APPROACH

We support the diverse, multidisciplinary needs of resource managers with an unmatched breadth of services and technologies. We are a one-stop-shop that can apply geospatial analytics to a wide range of management challenges and initiatives.



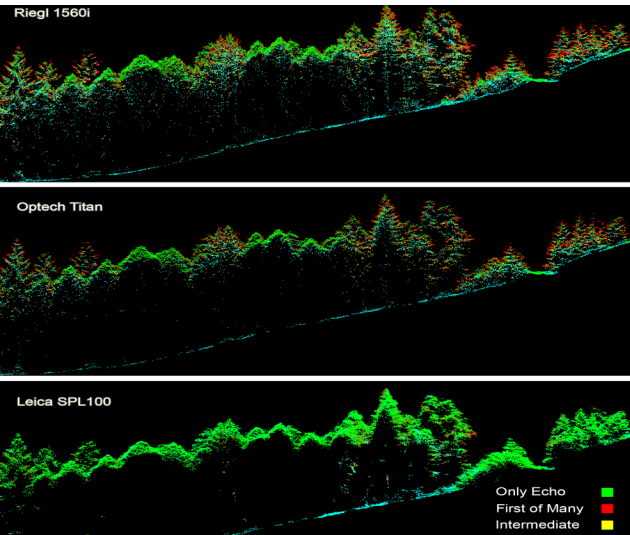
#### EXACTING QUALITY

We have an exceptional track record of delivering projects on time, on budget, and to specification. Our robust quality control measures extend from survey design and data collection through automated processing and data accuracy checks.



#### TECHNICAL INNOVATION

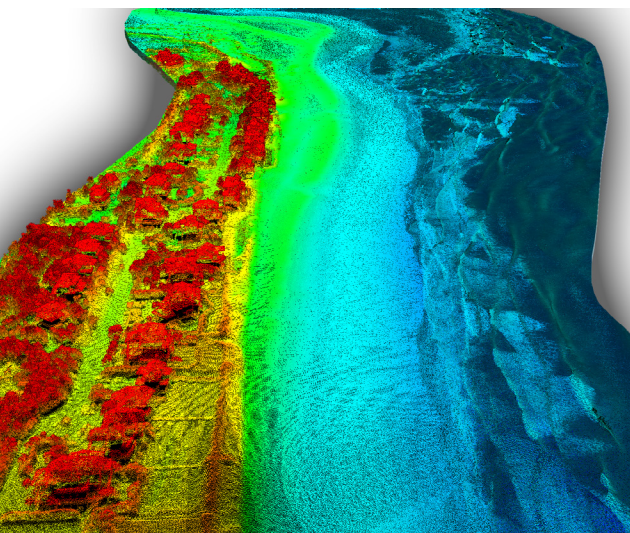
We constantly push the bounds of geospatial techniques. We pioneered the application of high-density lidar to resource management, and are now leading the way with new analytical tools and custom applications.



## FOREST & RANGELAND MANAGEMENT

NV5 Geospatial is a proven provider of high-quality geospatial data for the effective, multiple use management of federal forests and public lands. We've mapped millions of acres across the U.S. for applications that include forest structure assessment, restoration monitoring, invasive species analysis, hazard detection, and fuels modeling.

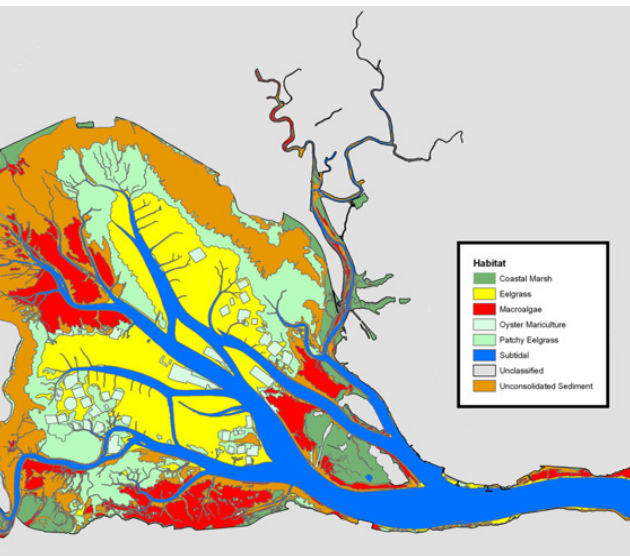
- : US Forest Service – Region 3 Forestry Restoration Initiative
- : National Park Service – National Vegetation Classification Mapping
- : Bureau of Land Management – Geospatial Data Management and Spatial Modeling
- : Bureau of Indian Affairs – Tribal Lands Geospatial Management



## COASTAL & WATER RESOURCES MANAGEMENT

We are a long-time partner to agencies that manage marine, coastal, and freshwater resources. Our contributions have included successful projects for shoreline mapping, ecosystem conservation, erosion modeling, and flood risk analysis.

- : National Oceanic and Atmospheric Administration – Corals Mapping Program
- : US Fish and Wildlife Service – National Wetlands Inventory Program
- : Bureau of Reclamation – Lower Colorado Delta Ecosystem Restoration (Minute 319)
- : US Geological Survey – Bathymetric Lidar Mapping of Coastal Barrier Islands in the Gulf



## WILDLIFE & HABITAT MANAGEMENT

Our geospatial services support leading initiatives to protect threatened or endangered species. Wildlife biologists and land managers rely on our high-resolution maps and predictive models to identify and implement habitat conservation and improvement projects.

- : Bureau of Land Management – Rangeland Habitat Mapping
- : US Forest Service – Region 3 Rare Plants, Fish and Wildlife Habitat Mapping & Analysis
- : Bureau of Reclamation – Salmon and Steelhead Habitat Improvement
- : US Forest Service – White-headed Woodpecker Habitat Mapping