

GSA Capability Statement



Teren, Inc
165 S Union Blvd Ste 100
Lakewood, CO, 80403 USA
www.teren4d.com
American-Owned Small Business since 2021

Differentiators

- Teren's **high-performance computing engine** enables rapid, efficient processing and analysis of large spatial datasets – and faster access to critical decision support.
- Teren has **extensive experience informing emergency watershed protection and post-disaster response efforts**, supporting with data needed to effectively and efficiently protect human life, assets, and resources.

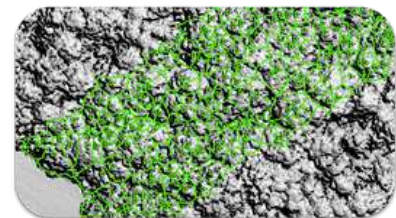
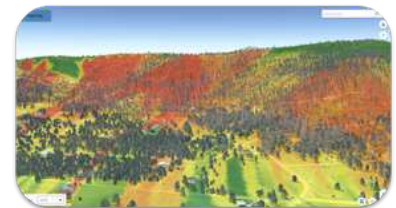
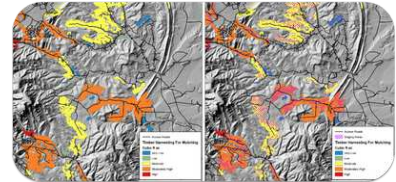


Core Competencies

Teren provides Watershed Protection and Forestry data products and services that help the USDA address critical challenges including climate change, watershed health, climate resilience, and natural resource protection. Using our cloud-based high performance computing engine, we rapidly process, analyze, and deliver large-scale geospatial and earth observation datasets to support Watershed Protection, Natural Resource Planning, and Disaster Response.

Offerings:

- Emergency Watershed Protection treatment optimization and prioritization
- Wildfire and post-wildfire mitigation planning and treatment prioritization
- Watershed hydrology, topographic wetness, wetland, and inundation modeling
- Earth movement, landslide, debris flow, erosion, and sediment transport modeling and change detection
- Remote forest inventory, biometric and allometric modeling, and timber estimation
- Aerial forest mulching and seeding location optimization and prioritization
- Scenario-based climate and weather impact modeling
- Machine learning and advanced data science
- Aerial surveying and mapping
- Cloud-based processing and analysis of LiDAR, imagery, and geospatial datasets
- Compute framework for scaling AI, machine learning, and Python workloads



Past Performance

USDA Natural Resources Conservation Service



California State Parks



Pertinent Codes

- Certifications: 8(a)
- D&B DUNS: 09-792-4692
- SAM Number: HR36JBLUC7D3
- NAICS Codes: 115310, 541370, 541370GEO, 541370GIS
- CAGE Code: 97ZH0
- USGS GPSC4 Accessible via Teaming Agreement