

AERIAL MAPPING, MODELING, PHOTOGRAPHY & VIDEO SERVICES

Price Geographic Consulting is now offering aerial imagery, video and 3D models collected using Unmanned Aerial Vehicles (also know as drones). Ultra high resolution and up to date imagery and models can be generated that are extremely cost effective. Drones can fly from ground level up to 400' and capture detail and perspectives that are impossible with manned aircraft. Imagery and video can even be captured indoors! From Imagery to 3D Models to Volume Calculations to Real-time Monitoring, PGC has a custom drone mapping solution for you.



Oblique Aerial Image of Gated Spillway



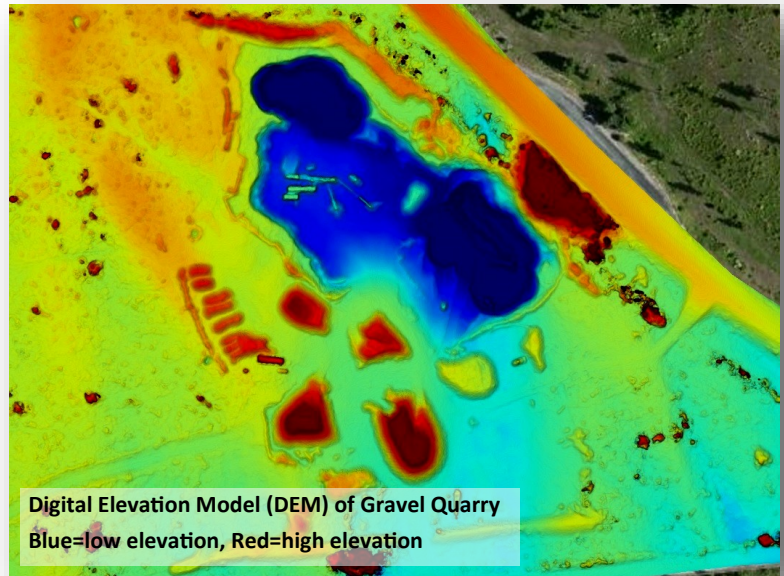
3D Model of Gravel Quarry

Products:

- Ortho Photo Mosaics | Resolution from 1/2" to 1 Foot
- Digital Surface Models (DSM) | Surface including above ground features
- Digital Terrain Models (DTM) | Model of terrain (ground)
- 3D Virtual Inspection Models | Dams, structures, towers, poles
- Contours and Volumetrics | Elevation data and volume calculations
- Oblique Photography | Real Estate, infrastructure, events
- 3D Point Clouds | 3D Modeling
- 4K Video | Events, real estate, sports, inspections
- Real-Time Monitoring | Situational Awareness, Surveillance

Industries/Applications:

- | | |
|----------------------------|---------------------------|
| Base Mapping | Agriculture |
| Topography | Crop Health/Monitoring |
| Structures | NDVI, ENDVI, GNDVI, RDVI |
| Roadways/Parking | Crop Insurance Reports |
| Ortho Images | Real Estate |
| Elevation Models, Contours | Aerial Photography, Video |
| Hydroelectric | 3D Models |
| Dam Failure Flood Mapping | Mining |
| Dam Inspections | Volume Calculations |
| Infrastructure Mapping | Volume Projections |
| Environmental | Utilities |
| Vegetation Mapping | Pole & Tower Inspections |
| Flood Event Mapping | System Mapping |
| Wildlife Monitoring | Water/Wastewater |
| Construction | Surface Feature Mapping |
| Progress Models | Treatment Plant Models |
| Grading Inspections | Forestry |
| Law Enforcement | GIS Compatible Maps |
| Crime Scene Mapping | 3D Models of Forest |
| Situational Awareness | Stand Delineation Maps |
| Emergency Response | Insurance |
| Natural Disasters | Inspections |
| Search & Rescue | Damage Assessments |



Digital Elevation Model (DEM) of Gravel Quarry
Blue=low elevation, Red=high elevation

Hardware:

- DJI Phantom 4 Pro Quadcopter Drone
- 20 Megapixel Camera, Image Stabilization
- 4K Video, Lightbridge Live Streaming Video
- Onboard GPS, Nvidia Shield K1 Tablet

Software:

- DJI Go 4, Pix4D, Drone Deploy, Litchi
- ArcGIS, AutoCAD Civil 3D, Google Earth

PGC Price Geographic Consulting . Andrew T. Price . Geographer . Aerial Photographer . Remote Pilot
FAA Licensed, Flight Insured

(208) 267-2975 . Mobile 208-920-1903 . pricegeographic@gmail.com

www.pricegeographic.com . www.facebook.com/pricegeographicconsulting . www.linkedin.com/in/pricegeographic/