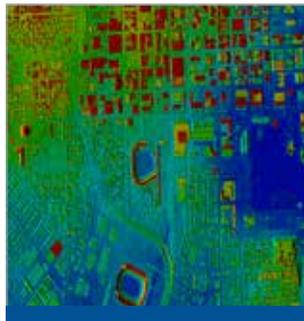
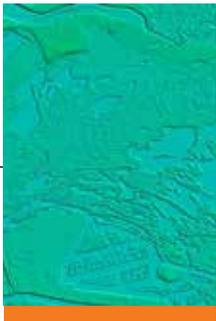
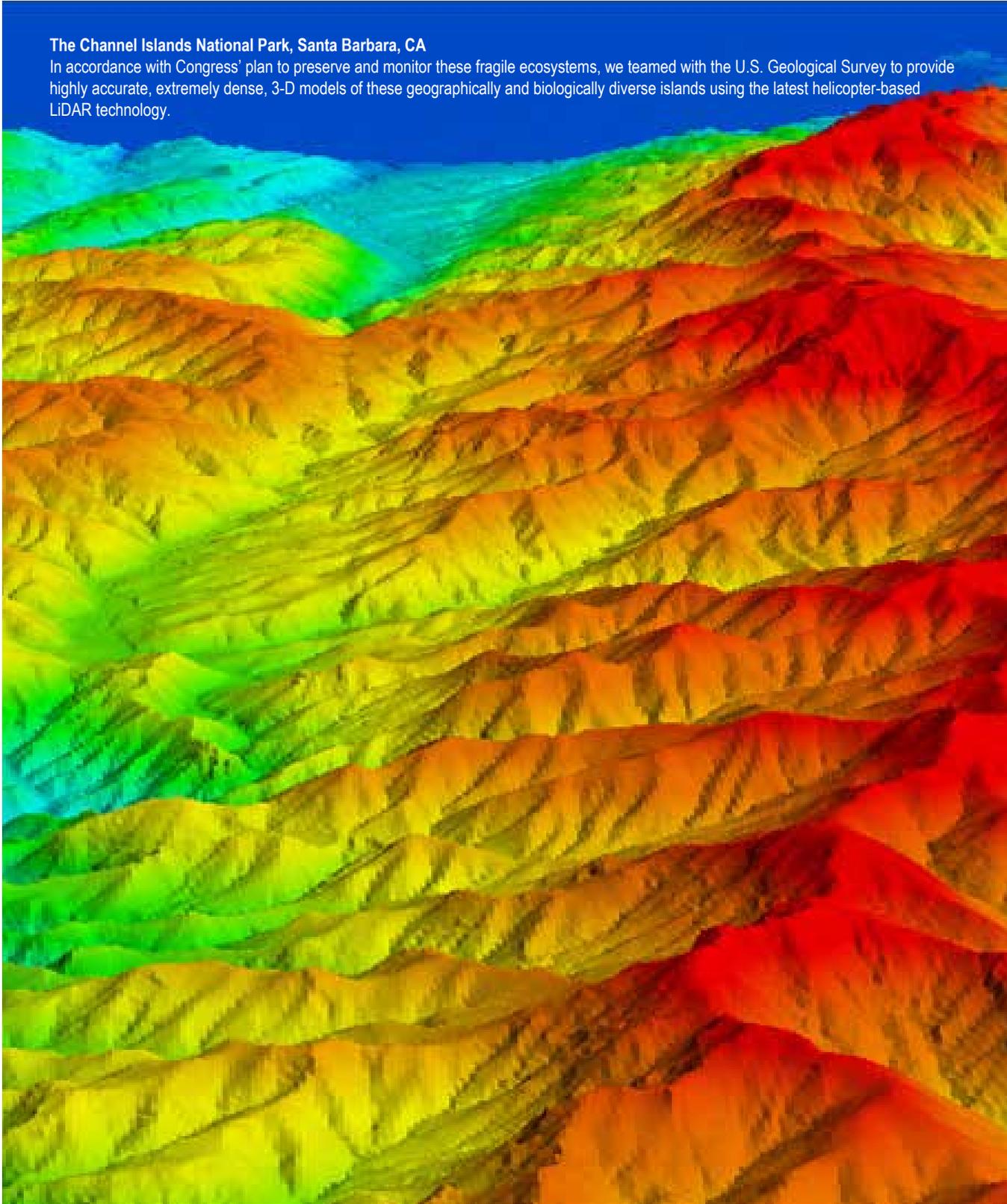


Remote Sensing



The Channel Islands National Park, Santa Barbara, CA

In accordance with Congress' plan to preserve and monitor these fragile ecosystems, we teamed with the U.S. Geological Survey to provide highly accurate, extremely dense, 3-D models of these geographically and biologically diverse islands using the latest helicopter-based LiDAR technology.

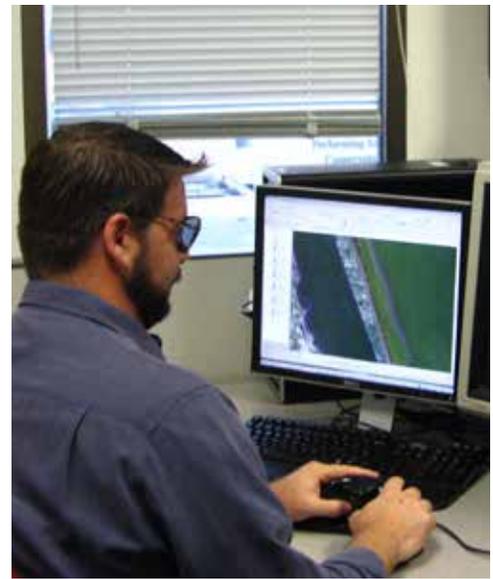


We believe that flexibility and responsiveness leads to optimal solutions to our clients' toughest challenges.

- LiDAR
- Photogrammetry
- Geodesy
- Ground control and check point surveys
- Photo interpretation
- Orthophotography
- Hyperspectral and multispectral imagery analysis
- Habitat and land use/cover mapping
- Consulting
- Independent QA/QC

Recognized as a national leader in geospatial program management and independent quality assurance/quality control (QA/QC) of high-resolution topographic products at the local, state, and federal level, we are also one of the nation's largest commercial remote sensing data production operations.

Not owning or operating our own aerial sensors allows us to objectively review project specifications and outline sensor types that best fit specific project needs. Our flexibility with acquisition enables us to add subcontractors at the request of our clients or work jointly with other contractors responsible for remote sensing data acquisition. Additionally, we can augment clients' staff through consulting and technical services.



Our work is driven by the technologies of tomorrow and informed by lessons learned over our 50-plus year history.

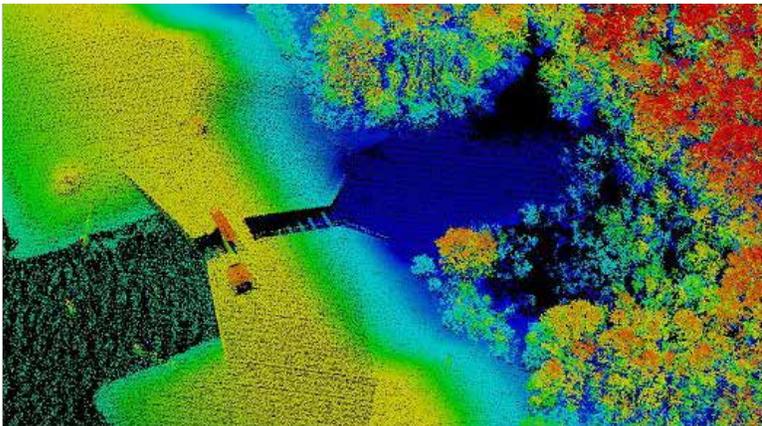


Taylor Creek Reservoir, FL

For the St. John's River Water Management District (SJRWMD), we performed a detailed LiDAR survey of the Taylor Creek Reservoir. LiDAR was collected with a density of 16-18 pts/m². The final tested accuracy of the data is 0.3 feet at the 95% confidence level. The data were used for engineering studies by the SJRWMD.

Littoral Mapping, FL

We teamed with the Florida Fish and Wildlife Conservation Commission to develop new multi-spectral orthophotography and to perform detailed photo interpretation to produce photogrammetrically compiled, spatially and thematically accurate, GIS data of littoral zone vegetation for these lakes.



Our Services

- LiDAR data acquisition
- LiDAR data processing
- LiDARgrammetry
- Digital & analog aerial photography acquisition
- Digital orthophoto production
- Photogrammetric feature collection
- Independent QA/QC of geospatial data
- Land cover photo interpretation
- IFSAR data acquisition
- IFSAR data processing
- Program management
- Remote sensing consulting

Representative Clients

- U.S. Geological Survey
- National Oceanic & Atmospheric Administration
- U.S. Army Corps of Engineers
- National Geospatial-Intelligence Agency
- U.S. Fish & Wildlife Service
- Federal Emergency Management Agency
- U.S. Department of Agriculture-National Resources Conservation Service
- State of Alaska
- State of Florida
- State of California
- State of Texas
- Numerous local & private entities

Committed Professionals
Thought Leaders
Client Advocates



Phillip Thiel

pthiel@dewberry.com
703.849.0271

Dewberry is a leading, market-facing firm with a proven history of providing professional services to a wide variety of public- and private-sector clients. We offer highly specialized subject matter expertise backed by the deep resources and stability of a national firm.