

Civil Engineering & Construction

Decision-Ready Analytics for New Projects

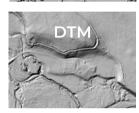
HIGH-FIDELITY DATA, FASTER DELIVERY

Quality Data at the Pace of Your Business

Teren is the only solution that can provide end-to-end remotely-sensed data, analytics and intelligence at the pace of business. Our innovative approach solves today's challenge of working with remotely-sensed data by applying the processing speed and automation of the future.

ORTHO

DSM



DECISION-READY ANALYTICS

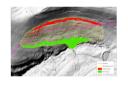
Teren provides decision-ready analytics for engineering firms during planning, design, and construction.

Remotely-sensed data is big, hard to manage, and requires special skills and infrastructure to extract value. Teren does this work for you to get the answers you need, not the typical unruly dataset offered by conventional providers.



SITE & ROUTE OPTIMIZATION

Avoid risk and mitigate exposure through comprehensive evaluation of geologic, hydrology, and other environmental hazards.



CHANGE DETECTION

Identify and monitor changes to terrain over time that can threaten asset performance and/or environmental integrity.



CUT/FILL

Gain an accurate measurement of distance, grade, height, and volume. Inventory and estimate the volume of material you need to move to achieve project goals.



GEOHAZARDS

Create geohazard response, monitoring, and budget plans to transform your operations from reactive to proactive while saving money and ensuring safer operations. Subsequent flights are used to monitor geohazard conditions and measure the effectiveness of remedial actions.



STORMWATER MANAGEMENT

Examine the flow of water on your project and the effectiveness of stormwater management and devices. Subsequent flights measure and monitor the effectiveness of hydrology management actions.



VEGETATION

Stay on top of compliance requirements and slope stability by tracking postconstruction reclamation, optimizing seeding and revegetation resources, and identifying where impacted vegetation zones may indicate a potential leak.