

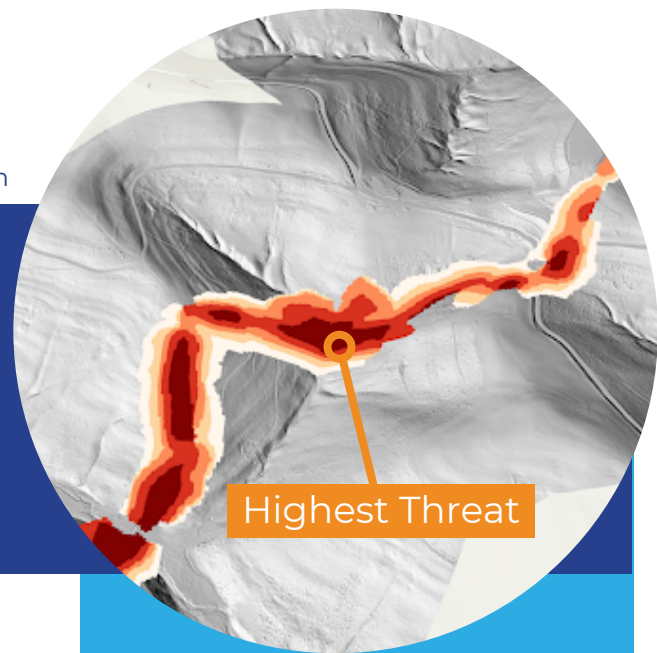


T E R E N

teren4d.com

SAVE MILLIONS IN LOST REVENUE

Teren data and analytics identify, prioritize and monitor geohazards to reduce repair budgets and avoid shut-ins.



PROBLEM

Prior to working with Teren, a Natural Gas operator in the Appalachian region managed potential landslides with field inspection. The workflow required visual and physical indication of slips by ROW agents and provided no method to rank and prioritize the hazards.

As a result of this reactive workflow, the operator had 246 unprioritized geohazard slips. The operator knew that each slip cost 2-3x more to repair than mitigate and that the slips resulted in 3-5 shut-ins per year -- costing the company \$7M per day when shut-in.

They needed a way to identify, rank and monitor slips to avoid the high costs of repairs and shut-ins.

SOLUTION

The operator hired Teren and implemented our Pipeline 4D program to detect, prioritize and monitor pipeline vulnerabilities. Teren's systematic approach identifies potential geohazards not visible to the human eye using LiDAR data and advanced data science. We then rank hazards to help prioritize mitigation and also monitor changing conditions over time.

OUTCOME

PROACTIVE IDENTIFICATION & PRIORITIZATION RESULTED IN ZERO SHUT-INS

With Teren's Pipeline 4D program, the operator reduced the number of unknown slips to only 12. They gained a systematic method to prioritize mitigation and monitor changes to geohazards to avoid slips and high-cost repairs.

Teren's proactive program reduced the repair budget by 90% and resulted in 0 landslide-induced shut-ins per year.

AT A GLANCE

Problem

- A Natural Gas operator had 246 unprioritized geohazards in their ROW
- Slips resulted in 3-5 shut-ins per year costing \$7M per day

Solution

- Teren implemented a proactive geohazard program that reduce repair budgets by 90% and resulted in 0 shut-ins

