TEREN
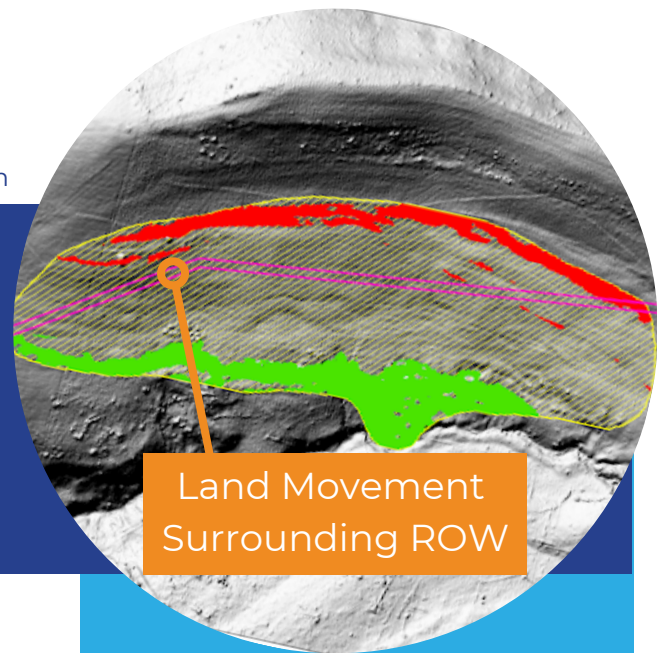
PREDICTING LANDSLIDE DISASTER

Teren data and analytics can predict potential disasters based on ground movement, hydrology, and vegetation.

Land Movement Surrounding ROW

PREDICTION

Teren analyzed potential environmental and external force threats to the pipeline infrastructure of Fortune 500 pipeline company.

Teren predicted the location of a future landslide based on land movement invisible to the human eye. The threat was ranked in the >95th percentile for their entire asset portfolio.

Unfortunately, the company chose to take no action on the information we provided.

OUTCOME

A few months later, a heavy rainfall triggered a landslide at the predicted site exactly as Teren had warned. The landslide resulted in a pipeline release that had to be shut-in immediately. The shut-in cost the operator **$7M per day** in lost revenue for **six months** -- an estimated **$1.2B in lost revenue.**

TODAY

LEVERAGING ACTIONABLE INSIGHTS FROM TEREN, THE OPERATOR HAS HAD ZERO LANDSLIDE INCIDENTS

The operator is now using Teren analytics to identify, prioritize and monitor infrastructure vulnerabilities. With Teren, operators are not only informed of potential threats but can also pinpoint location at the asset level, analyze the severity, and monitor changing conditions.

Today, thanks to leveraging Teren's actionable insights to mitigate their risks, **they have had zero landslide incidents.**

AT A GLANCE

Prediction

- Teren predicted a landslide that the operator chose not to mitigate

Outcome

- Rainfall triggered a landslide breaking the pipeline
- The forced shut-in cost the operator $7M per day in lost revenue for six months

Landslide-Induced Break