



# EarthWorks

Future-Proof Your Infrastructure Against Soil Moisture Risks

EarthWorks is the world's first L-band SAR satellite-based solution for detecting subsurface soil moisture risks. With patented technology and unparalleled accuracy, EarthWorks reveals actual soil moisture levels in high resolution, helping you catch issues early and protect infrastructure for the long term.

## Long-Lasting Infrastructure Starts with EarthWorks

Let's face it — infrastructure assets don't last forever. Soil moisture fluctuations lead to issues like erosion, seepage, and poor drainage, often detected after they become safety hazards or need costly repairs. With our satellite view of subsurface risks, you can proactively detect issues and plan for lasting infrastructure.

## Why Choose EarthWorks?

EarthWorks gives you a system-wide view of moisture risks, enabling you to:

- ✦ **Maximize ROI** by preventing costly failures
- ✦ **Extend asset lifespan** by detecting issues early
- ✦ **Track moisture trends** to monitor changes for proactive decisions

## Industries Served by EarthWorks

Dams and Levees | Rail | Roads | Mining | Property

## Key Features



### Trend Analysis

Monitor moisture changes over time



### Alert & Alarm Grid

Categorize at-risk areas to identify sections that need closer inspection

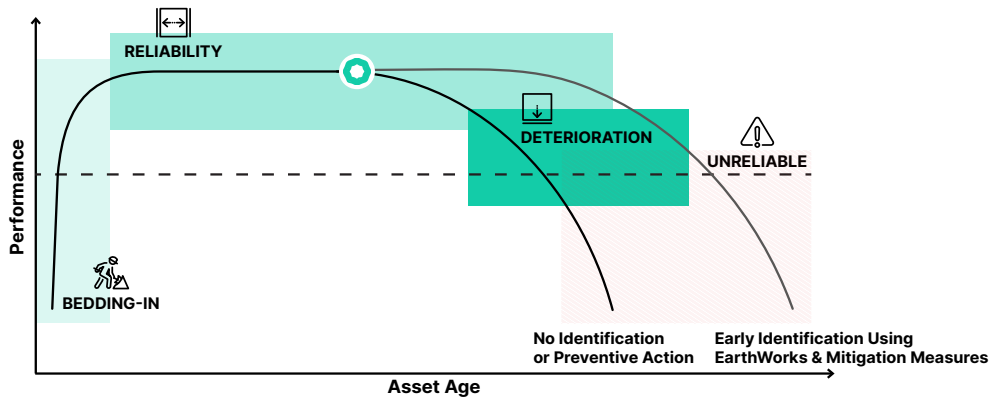


### Mobile-Optimized Reporting

Access digital reports on the go via mobile apps for faster response times



## ASTERRA EarthWorks Contributes to Extended Asset Lifespan



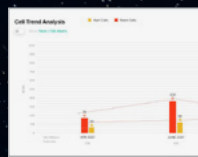
### Something for Everyone

EarthWorks serves every level of your organization. From decision-makers seeking to extend infrastructure lifespan, to managers improving efficiency, to field crews pinpointing at-risk areas—our solution meets the needs of all teams.

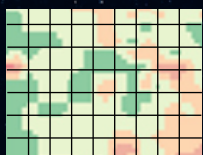
### How it Works



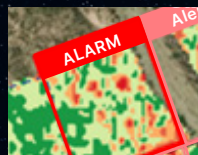
**1 Provide Your Map**  
Share your area of interest



**4 Track Moisture Trends**  
EarthWorks monitors moisture changes over time



**2 Grid Division**  
We'll break it down into smaller sections



**5 Act on Insights**  
Receive targeted insights for informed action



**3 Prioritize Risks**  
Define high-risk zones with our guidance



For more information: [inquiry@asterra.io](mailto:inquiry@asterra.io)

