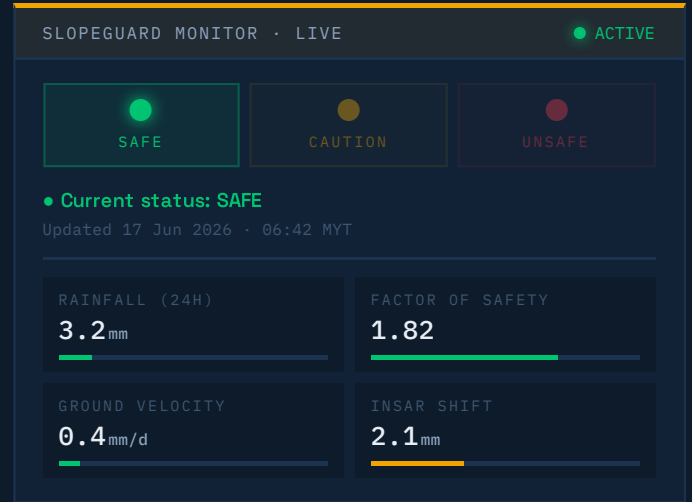


— SLOPE EARLY-WARNING SYSTEM

Know before the slope fails.

A 24/7 automatic monitoring system that watches a hazardous slope and warns you — on your phone — before it moves.



24/7 CONTINUOUS WATCH

4 INDEPENDENT SENSORS

1 CLEAR VERDICT

0 HARDWARE ON SLOPE

Slopes fail **between inspections.**

Rockfalls give little warning. Manual site visits are snapshots — the slope is unwatched in between, and the people below carry the risk. SlopeGuard watches around the clock and delivers a single defensible verdict before the slope reaches the point of no return.

HOW IT WORKS

 Camera Visual surface movement detection, continuous.	 Rainfall Intensity vs. published failure thresholds.
 Satellite Radar InSAR sub-mm ground shift from orbit.	 Engineering Model Real-time factor-of-safety calculation.

▼ FUSED INTO ONE VERDICT

Safe All normal. No action.	Caution Elevated. Alert sent.	Unsafe Critical. Evacuate.
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DEVELOPED BY ENGINEERS, FOR ENGINEERS

The science is **named and defensible** — published rainfall thresholds, factor-of-safety, InSAR. Every verdict is explainable and traceable.

- ✓ Published empirical rainfall thresholds — not black-box AI
- ✓ Factor-of-safety from real geotechnical parameters
- ✓ Verified InSAR orbital satellite data
- ✓ Proven 24/7 on a high-risk limestone heritage slope

WHAT YOU GET

- Live Dashboard**
 Current status, sensor readings and history from any device, anywhere.
- Instant Phone Alerts**
 Alert on verdict change — not at the next site visit.
- Daily & Weekly Reports**
 Automated PDF with full sensor data, verdicts and trend analysis.
- No Hardware on Slope**
 All equipment installed safely away from the hazard zone.
- Every Verdict Auditable**
 Logged, timestamped, and defensible for legal or regulatory review.
- Low Maintenance**
 Cloud-hosted, remotely managed, runs unattended around the clock.