

ChangeMonitor for Mines



We offer a specialised service for monitoring ground displacement, tailings, pond monitoring, and ESG impact.

This fully managed cloud-based system uses satellite-based radar and optical data. Acquisitions over the mine can be tasked at regular intervals as required.

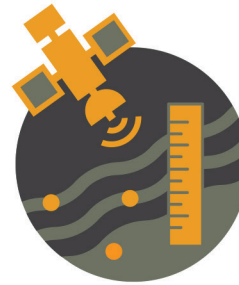
This intuitive system includes:

- Automated space-based monitoring of remote sites
- User-friendly web-based interface
- Easily view and analyse the monitoring results
- All products for all sites in a single interface
- On-the-fly analytical calculations
- Show changes over time
- Reports and exports



Ground displacement monitoring

- Millimetre accurate subsidence and upliftment
- Horizontal surface movement
- High-density measurement coverage



Pond monitoring

- Surface water change
- Vegetation and soil moisture change
- Freeboard measurements



ESG monitoring

- Rehabilitation & vegetation monitoring
- Encroachment
- Illegal mining
- Dumping and wastewater monitoring



Geospatial products

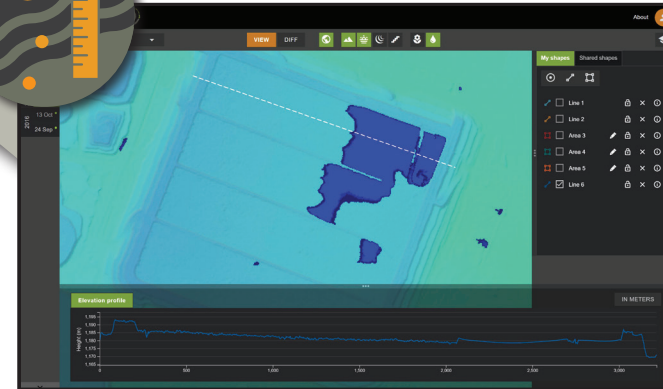
- Elevation
- Contours and break-lines
- Volume
- Precision ortho-imagery

ChangeMonitor for Mines offers an easy way to view and analyse the monitoring results within the cloud. Products can be provided in your mine's custom projection and precision aligned with provided reference data.

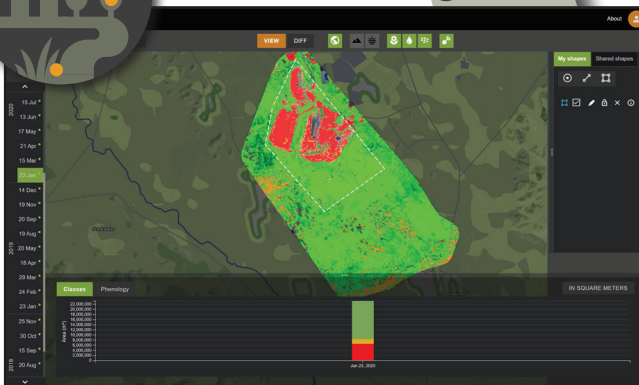
Ground displacement monitoring



Pond monitoring



ESG monitoring



Geospatial products

