Interferometric Synthetic Aperture Radar (InSAR) is a remote sensing technique that can be applied to generate highly precise measurements of surface movements.

Monitoring the stability of mine structures, such as tailing ponds and open pits, is crucial for preventing environmental accidents and ensuring safety in general.

Analysis of terrain displacement in the mine environment in northern latitudes with (SAR) images from the ESA Sentinel-1 satellites.

Analysis period 2.6.-6.9.2022.

Analyses at Pyhäasalmi mine, Callio Lab.