Mine environment monitoring by Interferometric Synthetic Aperture Radar (InSAR) in northern latitudes

– displacements due to geomorphologic changes in open pits and tailings ponds of Pyhäsalmi Mine, Finland

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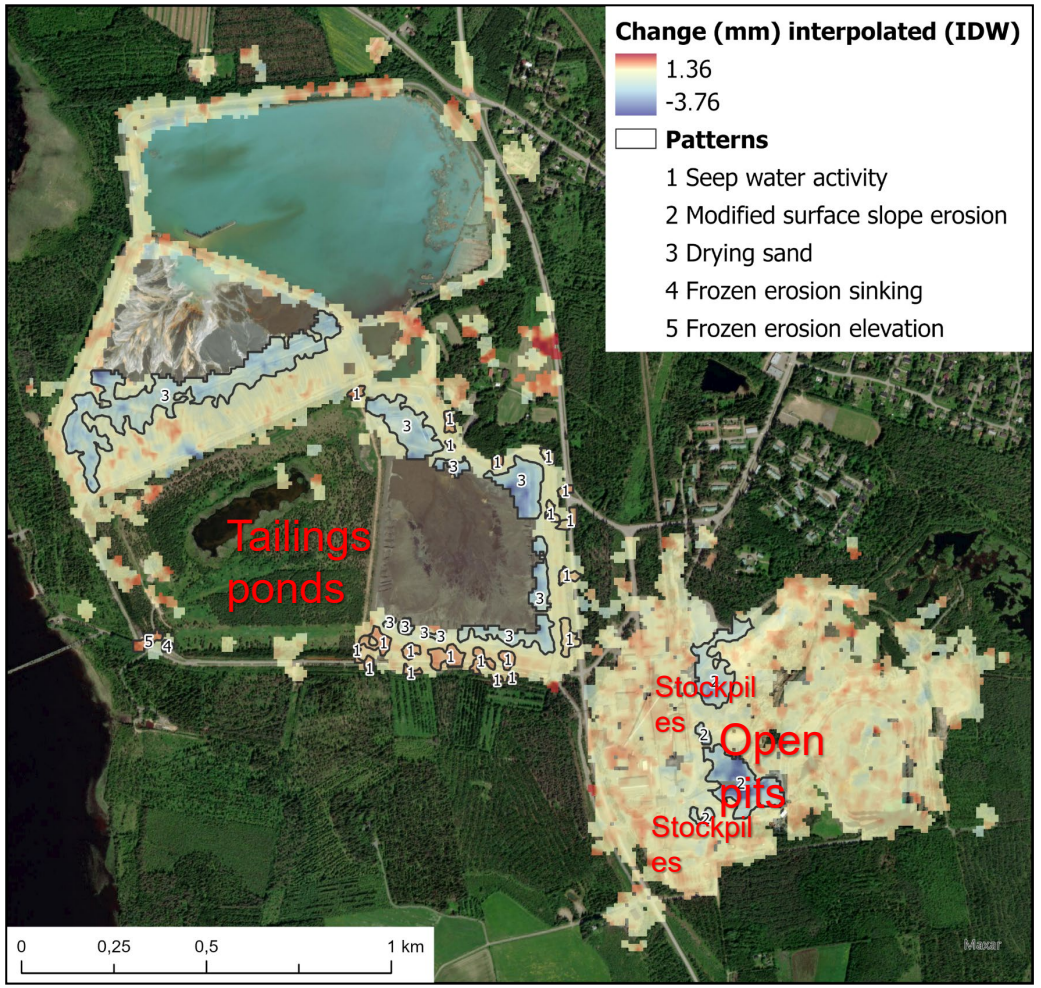
- **Interferometric Synthetic Aperture Radar InSAR** is a remote sensing technique that can be applied to generate highly precise measurements of surface movements
- **Monitoring the stability of mine structures,** such as tailing ponds and open pits, is crucial for preventing environmental accidents 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 Pyhäsalmi mine, Callio Lab.



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