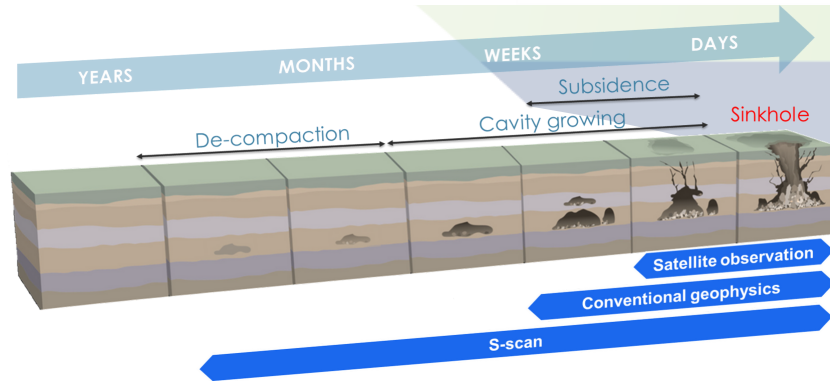
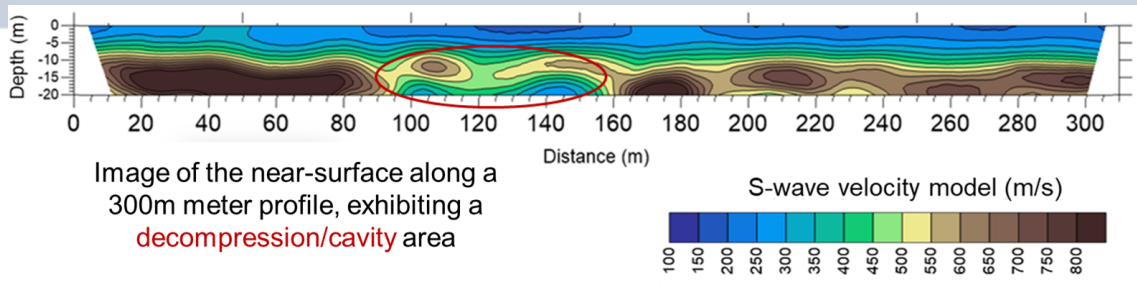


Category: Infrastructure



Geotechnical imaging below ballast using fibre optic and trains as source - providing a safer rail by anticipating track defaults

S-scan is an original method using fibre optic deployed along railways and trains as seismic sources to image below the ballast.

By only deploying a DAS system (computer), a scan up to 50 m deep and along more than 50 km is possible every day, allowing to predict earthwork failures.

