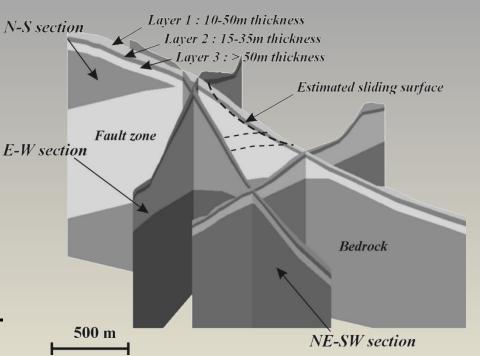
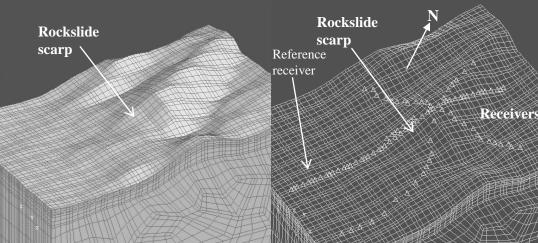
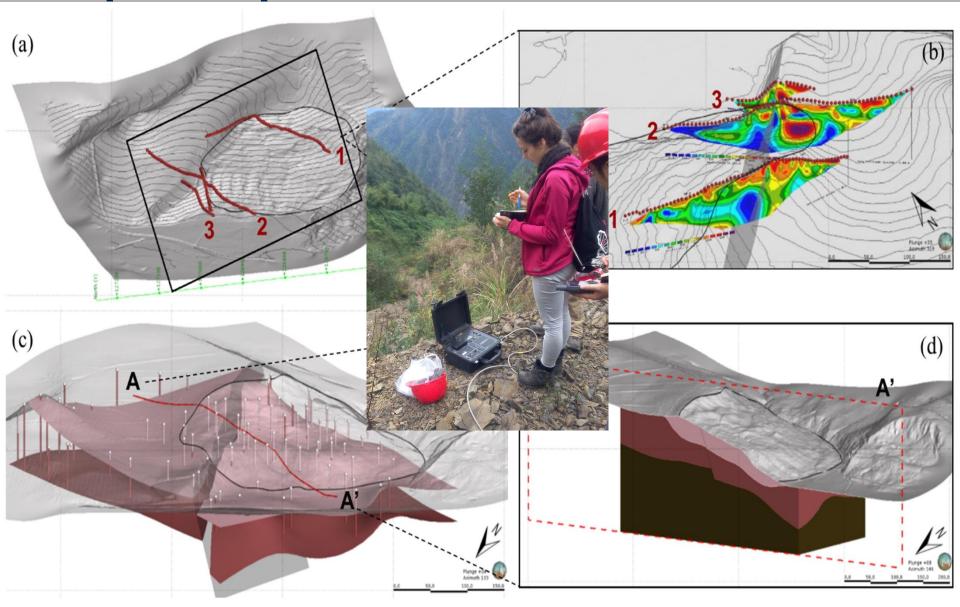
- 2D FE-SE models based on sections across the Ananevo site.
- 3D SE model for central part of site.





	Layer	Vs (m/s)	Qs	Ed (Pa)	ν	Density
	1	400	35	7.78e+08	0.33	1.80
	2	910	150	4.29e+09	0.30	2.00
S	3 (+fault)	2180	400	2.81e+10	0.28	2.30
	Bedroc k	3470	600	7.95e+10	0.25	2.65

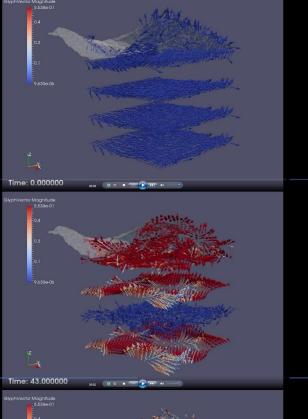
### Examples of local complex expert models : required inputs : surface + subsurface

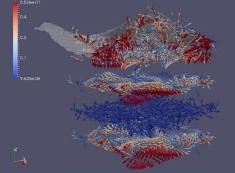


# The Minkush area: overview The surface of the FLAC3D model

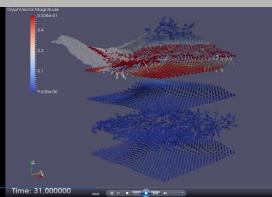
#### Specifications of the 3D model:

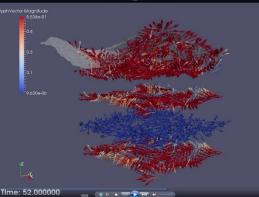
- Horizontal dimensions: 2.0 x 2.0 km;
- Mean height: 1.8 km;
- Quadratic FD-zones (15 m) in the inner part of model;
- The surface is restored based on SPOT DEM;
- Degraded brick-shape FD-zones fully reproduce the original smoothness of surface.

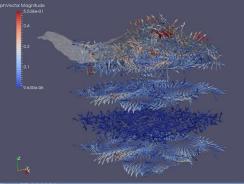




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