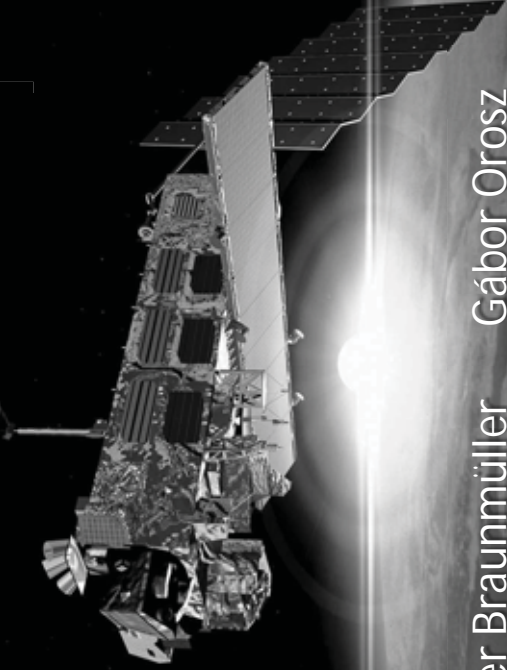


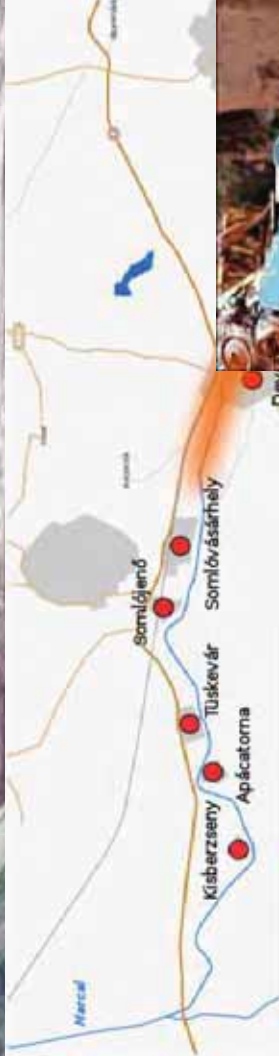
The basis of Synthetic Aperture Radar Interferometry in Hungary



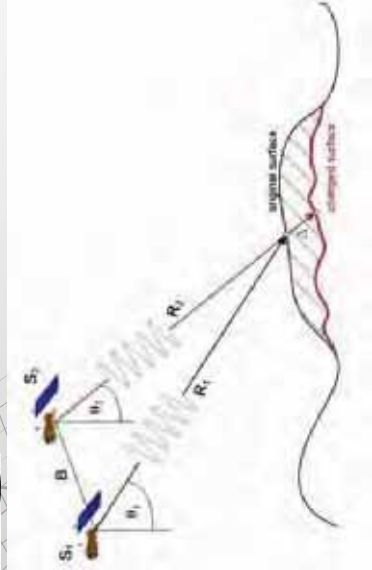
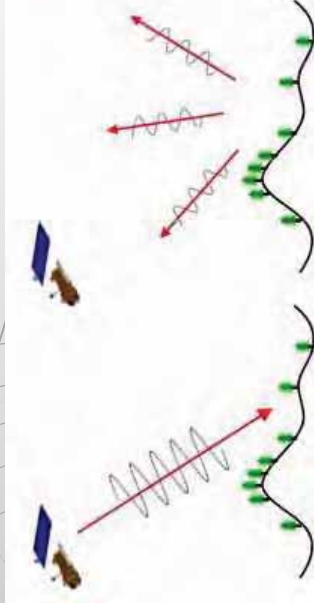
Péter Braunmüller Gábor Orosz

Budapest, September 28, 2011

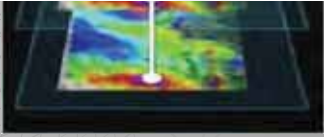
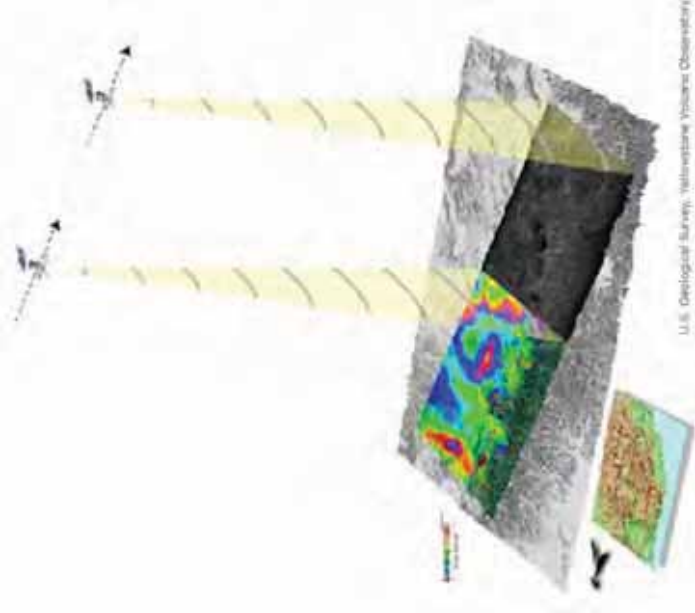
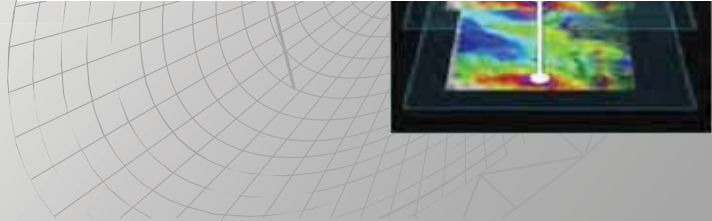
Hungarian toxic sludge spill



The InSAR technology



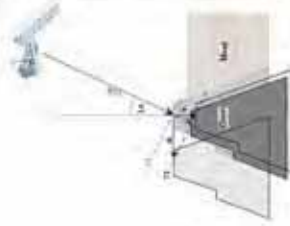
The InSAR technology



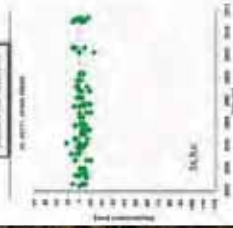
Hungarian toxic sludge spill

Measurable movement

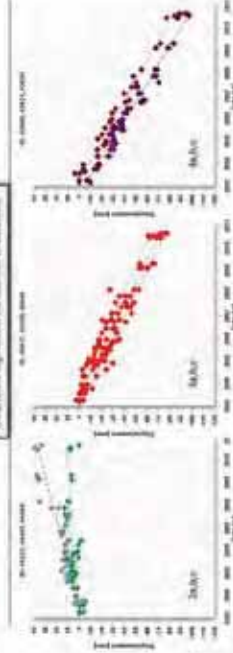
Modern history of No 10, red mud reservoir of MAL alumina plant and its close vicinity between 05-Mar-2003 and 25-Aug-2010



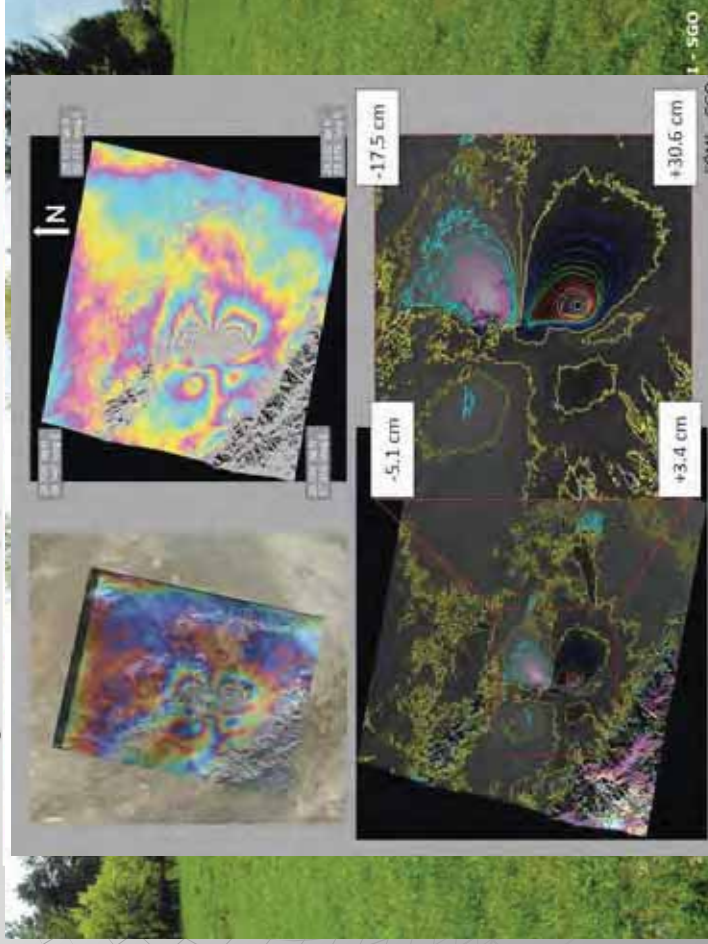
Accumulated heavy metals



Different segments of the reservoir

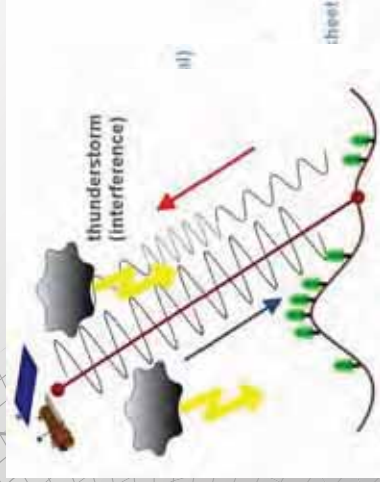
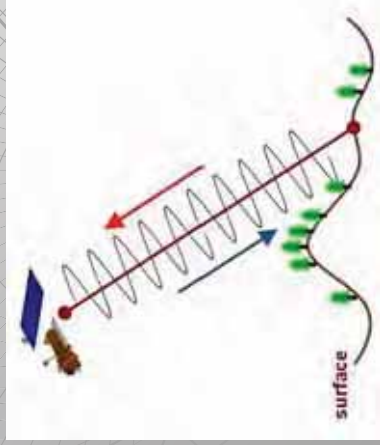


Hungarian applications of InSAR



Atmospheric error sources

- ◆ Snow coverage
- ◆ Snowing
- ◆ Thunderstorms



Why is it useful?

- ◆ Fast browsing of available data
 - ◆ A good base for fast determination of image quality
 - ◆ Reducing costs, saving money
- The price of one image: 400 €**



Thank you for your attention!

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