

Support from the sky



SATIM Monitoring Satelitarny Sp. z o.o.

About SATIM

- ❑ **Spin-off** from the *AGH University of Science and Technology* in Cracow
- ❑ **Established by the scientists** together with the *Centre of Innovative Technologies INNOAGH*
- ❑ The goal is to **develop new methods** of satellite EO data processing and analysis and to **introduce the satellite EO potential** to the market



As a scientists and entrepreneurs we have gathered experience in **a number of scientific and commercial projects** on a national and international levels. Among them cooperation with such organizations like European Space Agency (ESA) or EADS Airbus can be distinguished.



Our projects concern, among others, following issues:

- Improving radar interferometry methods for ground deformations monitoring
- Developing new methods of processing radar polarimetry images
- Application of remote sensing in oil and gas sector
- Development of a satellite radar data processing software

Slajd 3

B10

na pasku www.satim.pl wszędzie + logo Satim na każdym slajdzie

BDAGH; 2014-06-05



The possibilities of implementation innovative satellite technology on the Polish market are of great interest. The activities of SATIM were described and published in press.



POLSKA AGENCJA PRASOWA



Support from the sky

Natural hazards monitoring



Mining



Infrasctructure



Environment





Natural hazard monitoring



Earth crust movements



Landslides



Floods



Mining



Post-mining ground deformations



Stability of the mining infrastructure



Stability of open pit mines



Environmental impact



Infrastructure



Stability of buildings



Urban growth



Roads deformations



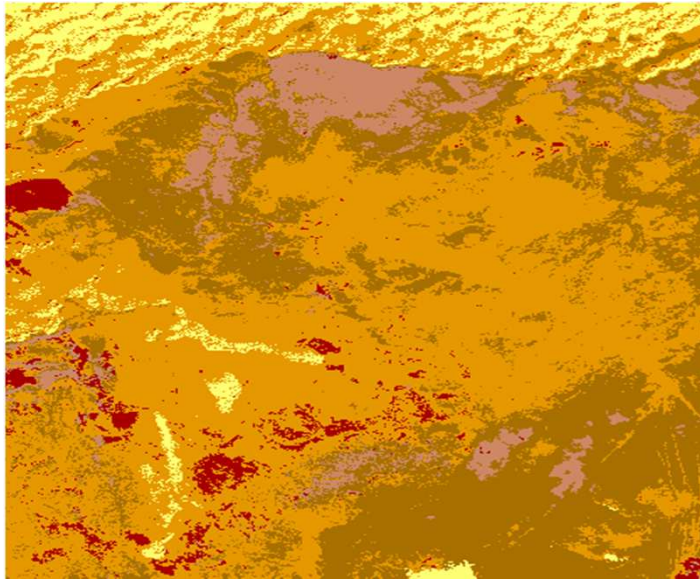
Stability of pipelines



Stability of bridges



Environment

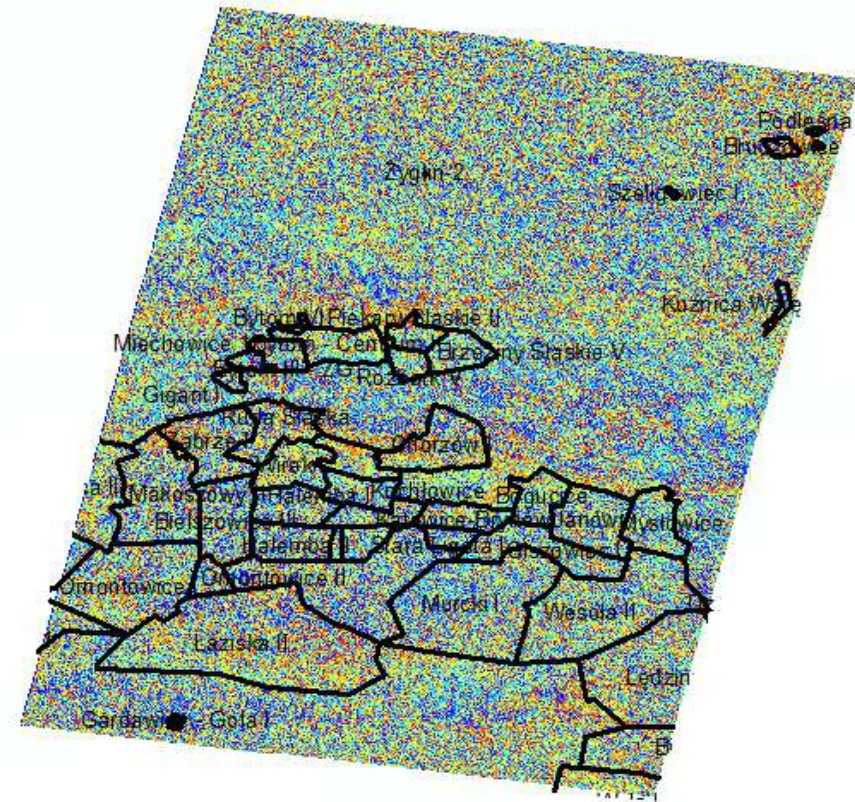
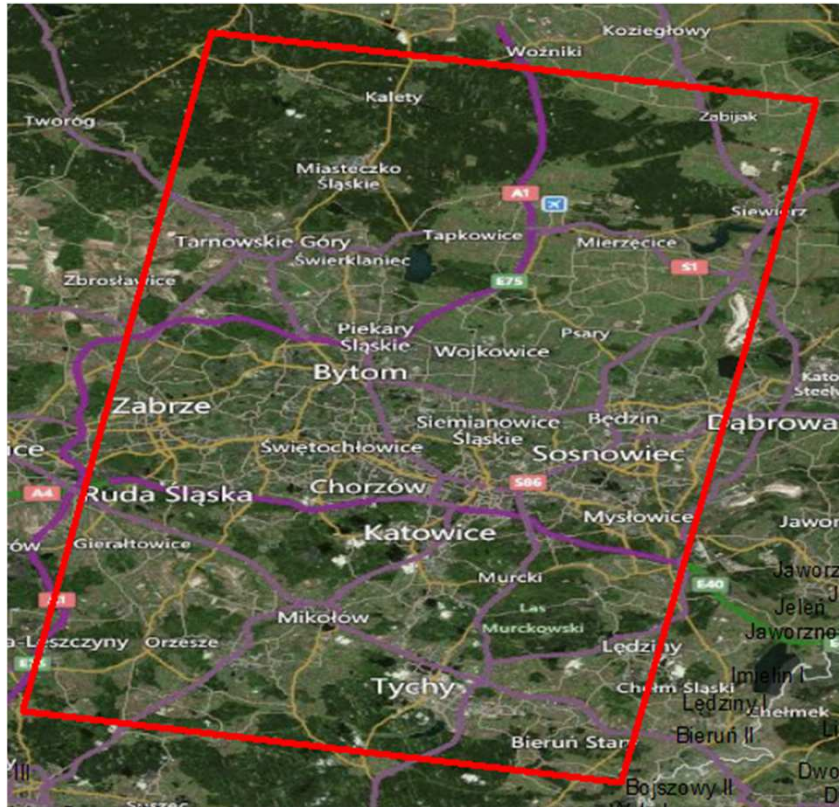


Land cover

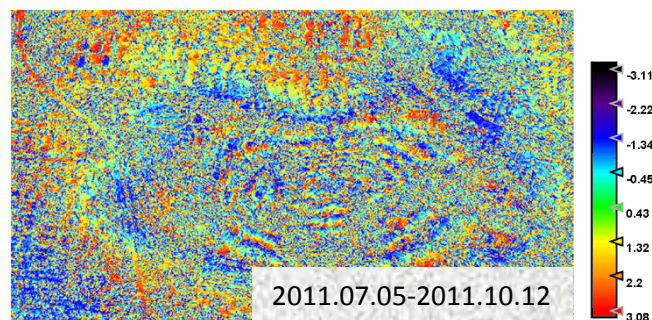
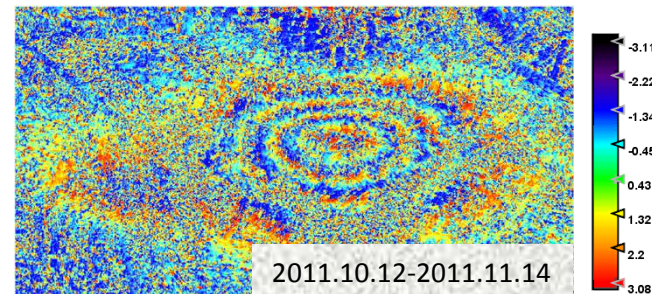
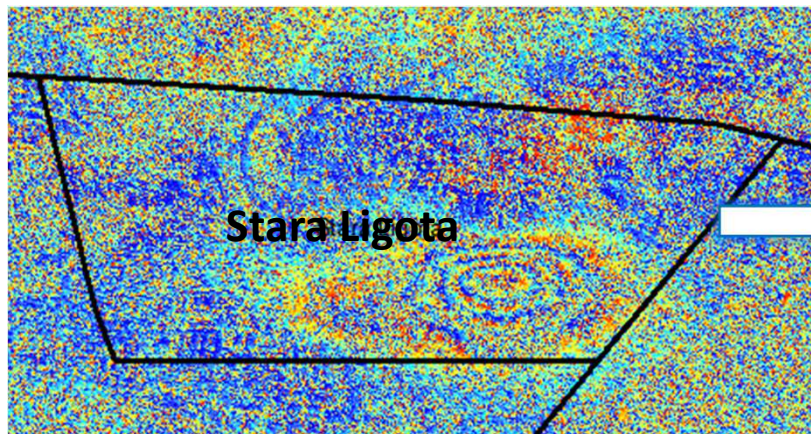
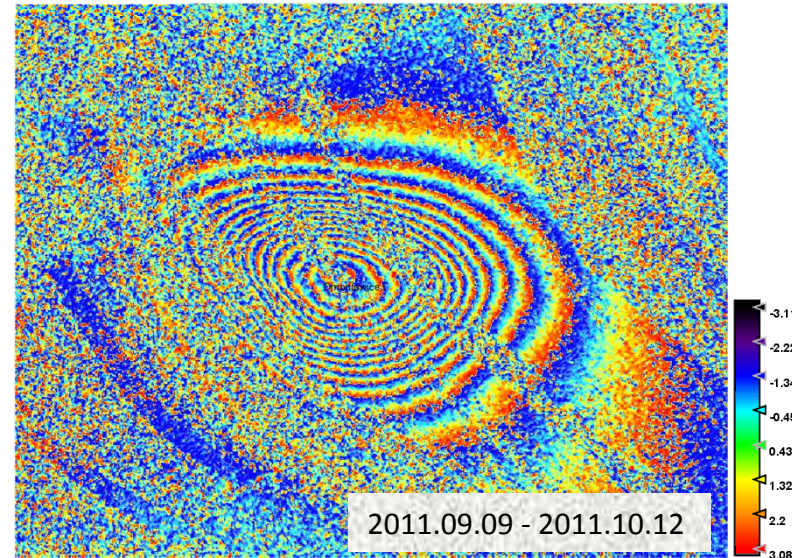
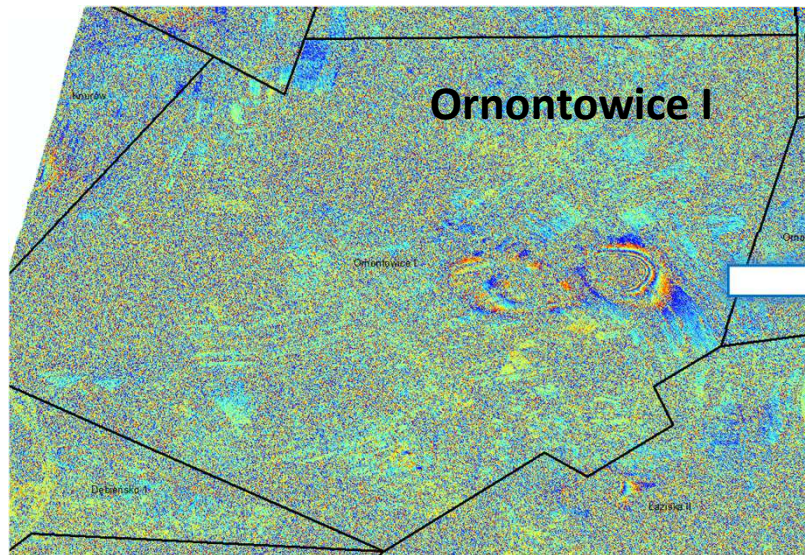


Biomass

Example analysis of ground deformations for the Silesian region

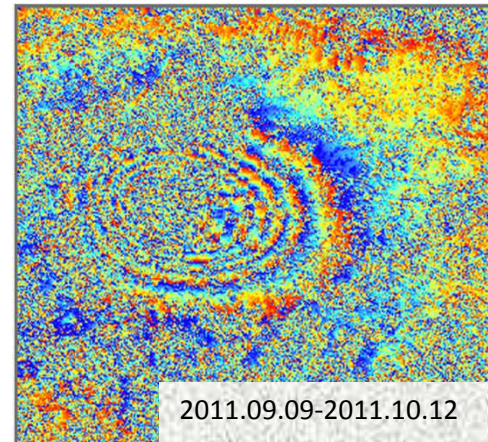
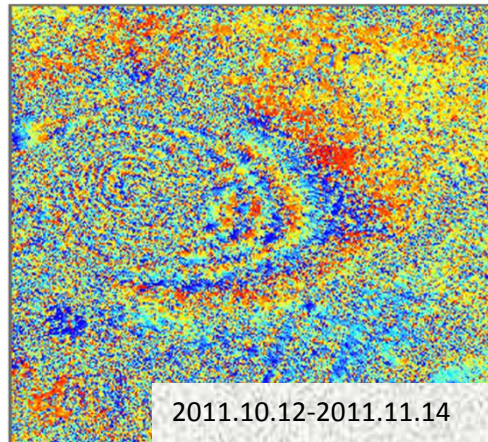
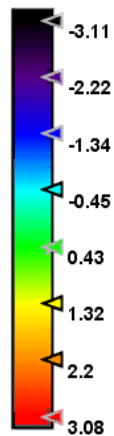
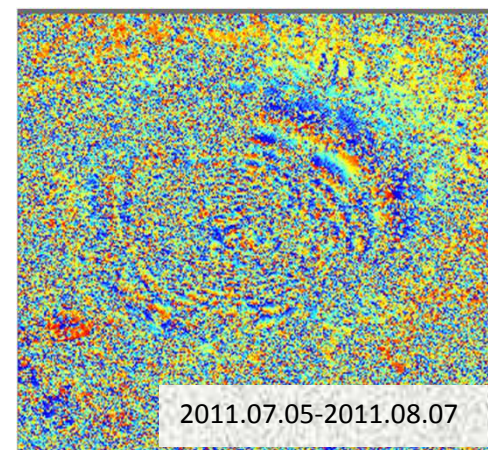
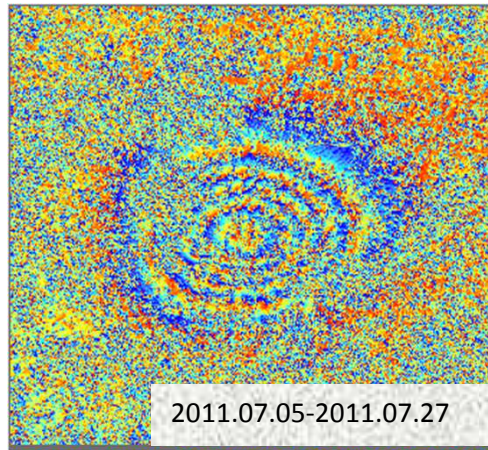


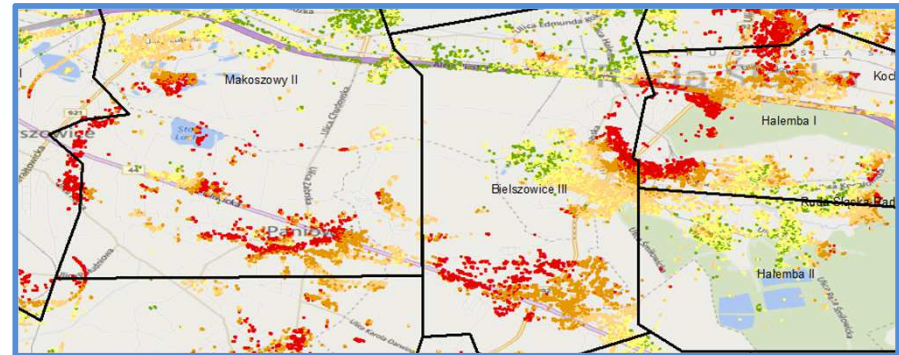
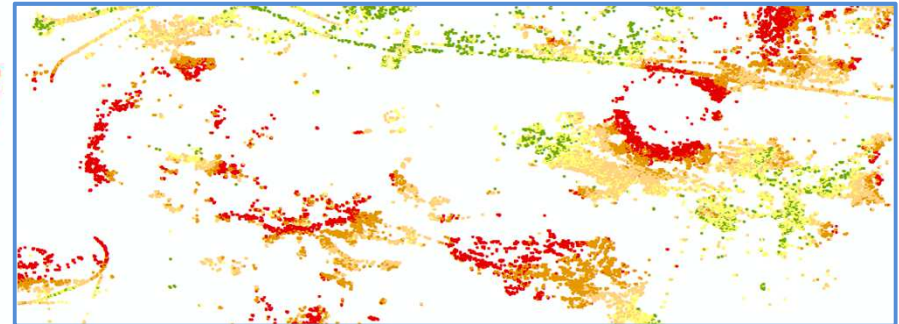
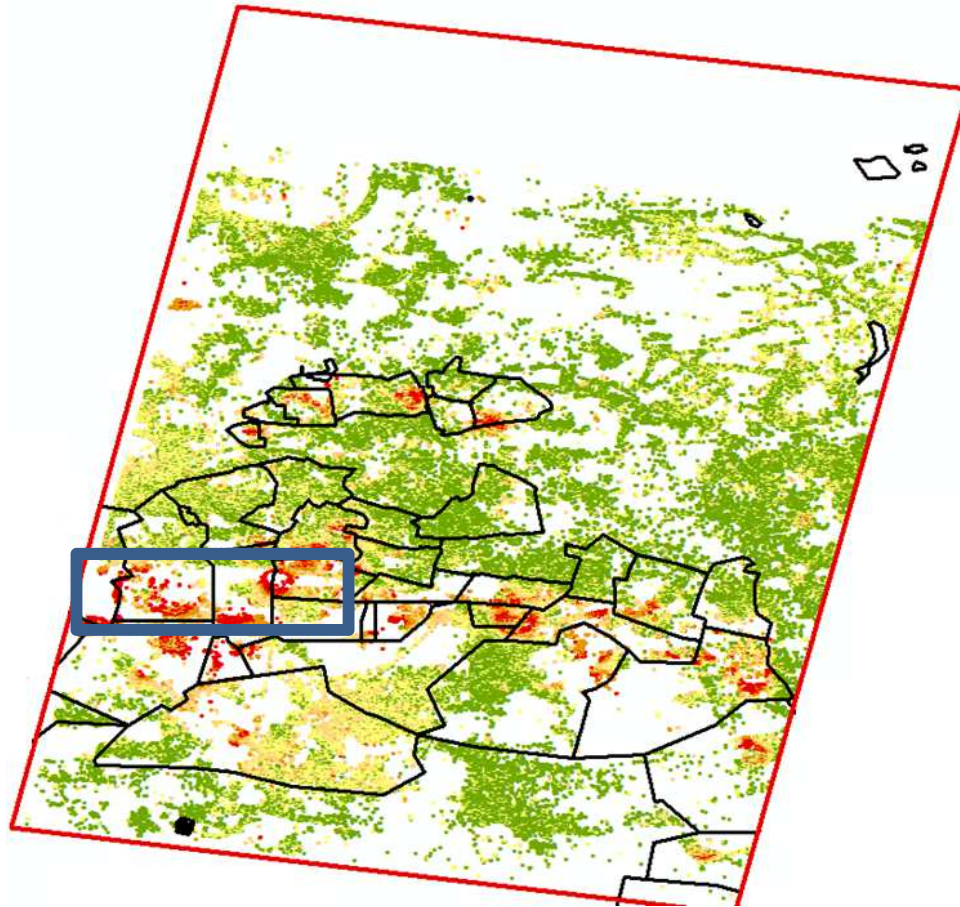
Area size: ~2000 km²



PIInSAR results

Łędziny







Thank you for your attention



Questions?