



Space Research Centre
Polish Academy of Sciences

EARTH OBSERVATION DEPARTMENT

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Earth Observation Department



Ongoing projects

-  **S2GLC – Land Cover Classification**
classification methodology and strategy for global mapping using Sentinel-2 images. Led by CBK PAN
Project Extension for Europe
-  **SAT4ENVI**
-  **Cropp detection using Sentinel-1 and Sentinel-2**
-  **Built-up Areas Monitoring Service**
-  **LiRa-C Representativeness of global lidar and radar climate record on clouds**
Led by ZOZ/CBK PAN

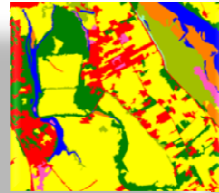
Finished

- | | |
|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
|  GMES-Poland |  GLOBE |
|  PEARL |  G-NEXT |
|  LIMES |  G-SEXTANT |
|  ASTRO+ |  EOPOWER |
|  Tango |  SPEKTROP-L |
|  G-MOSAIC |  Multifractals |
|  Geoland2, SATChMo |  SCARF |
|  UrbanSAT |  ArtISS |
|  GEONetCab |  Intelligent Camera |
|  AF3 | |
|  Sentinel-1 Classification |  ADEMOS |
|  B-First | |
|  Illicit crops detection | |

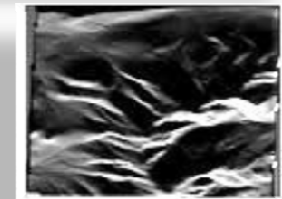
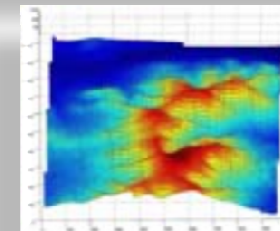


Research and application work

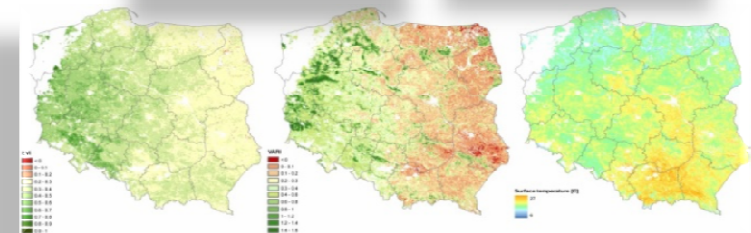
Land cover classification and change detection



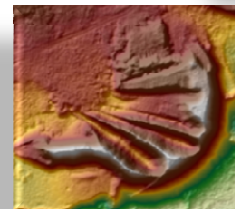
Modelling of SAR backscattering beam



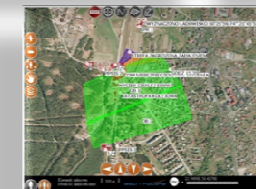
Land surface monitoring



Environmental modelling



Software development and integrated applications





EARTH OBSERVATION DEPARTMENT

We are looking for opportunities to participate in research and application projects related to satellite data processing

- Optic images processing and classification
- Radar images processing and classification
- Change detection
- Environmental modelling
- Validation of RS products
- Software development
- Crisis Information Center
sub-unit of Earth Observation Group

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