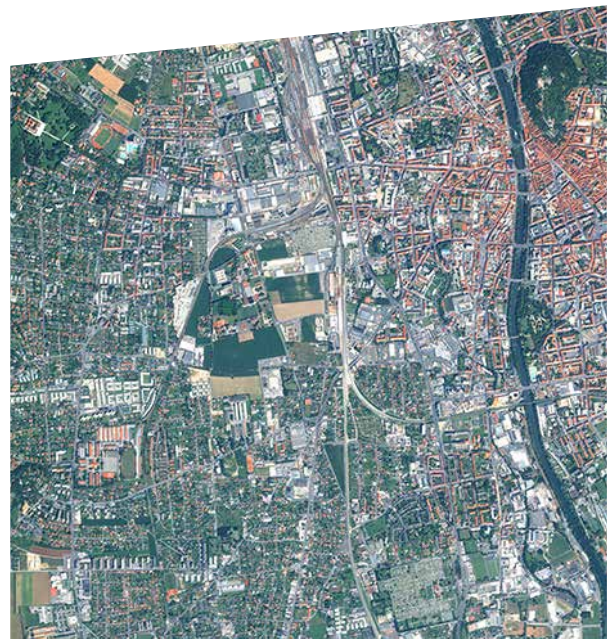


Remote Sensing of Natural Resources and Infrastructure



Workflow Solutions



Satellite

SAR
Thermal
Optical
Altimeter



Aircraft

LIDAR
Thermal
Optical



UAV

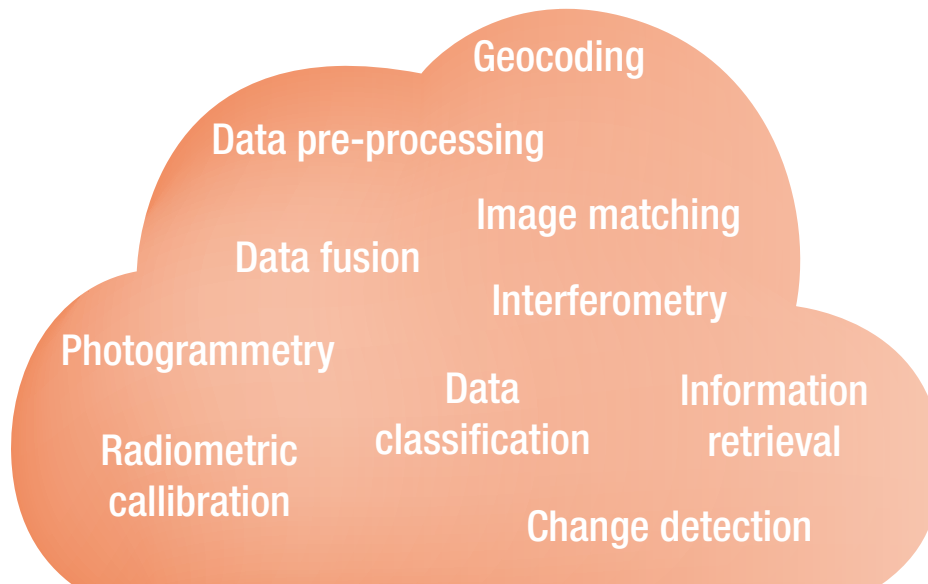
Various
Sensors

DATA
SOURCE

TYPES
OF
DATA

SOFTWARE
RSG
&
IMPACT

STANDARD
DATA
FORMATS



What can we do for you?

- We **classify data** and **generate models** for the monitoring of forests and environment, for risk assessment and infrastructure.
- We utilize **different data sources** (satellite, aircraft, UAV).
- We **acquire the data** by flying ourselves with our proprietary sensor platform, we can **use your data**, or we can **purchase data** for you from third party sources.

Why JOANNEUM RESEARCH?

- Airborne Data Acquisition and Mapping with JOANNEUM RESEARCH **Multisensor Plattform ADAM**: Our platform guarantees synchronised sensor data from a range of sensors, according to your requirements.
- Data pre-processing and classification with our own **image-processing software RSG**: We can adapt the process chains to your specific requirements.
- Our process chains are always at the **highest possible methodological level** due to our research activities.

Customer Applications



- Forest inventory (local, national, global)
- Monitoring of alpine environment
- Pan-european forest mapping
- Tropical forest mapping



- Land slides
- Rock fall
- Surface subsidence mapping
- Flood events
- Forest fire mapping



- City models
- Corridor mapping (rail, road)
- Powerlines
- Pipelines



- Photogrammetry
- Laser scanning
- SAR interferometry
- Thematic processing lines

JOANNEUM RESEARCH

is a professional innovation and technology provider with a long track record in cutting-edge research at an international level.

The innovation company focuses on application oriented research and development projects to promote technology transfer to the economy.

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The Institute for Information and Communication Technologies is your trustworthy partner for applied high-tech solutions.

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