

Open Innovation Challenges

**DO YOU HAVE THE
SOLUTION?**

Innovation Challenge

Unlocking the Potential of Earth Observation from Space

Overview

GEOSAT is inviting researchers from academia to collaborate with us and utilize our extensive imagery archive to develop innovative value-added services. Our mission is to solve global challenges using the power of space-based Earth Observation (EO), and we believe that academic researchers can bring fresh perspectives and new ideas to the table.

EO is becoming more and more relevant with advances in technology, and its future is relying on becoming easily available to non-expert users, assisting them in addressing global challenges and local priorities.

We are currently aware of several applications of EO, be it in helping agriculture (with large crop assessments or with focused precision services); in assisting natural resource exploration companies in achieving their core business in a more sustainable approach; or in helping safety authorities in search and rescue operations (among many others)... A couple questions arise:

- Can these services be provided in a less demanding fashion?
- Are there other applications we are yet to consider?

Challenge

Using the images collected by our satellites, which orbit the planet several times a day, develop new and innovative value-added services that have the potential to address global challenges or specific regional user needs.

Adding value to society is a must in our business. Possible examples of application areas include, but are not limited to:

- Health Care,
- Mobility,

- Coping with impacts of climate change,
- Food security,
- Safety, or
- Availability of resources.

We will provide access to our imagery archive to the selected researchers for the duration of the collaboration. We will provide satellite images with radiometrically correct data in NIR, R, G, B, and Panchromatic bands of coastal, urban or rural areas, with sub-metric resolution.

We are challenging you to help us in finding and developing new applications for EO.

Eligibility

Academic researchers from all disciplines are eligible to participate in this challenge.

Evaluation Criteria

The submitted solutions will be evaluated based on their potential to address global challenges and the impact they can have on improving people's day-to-day lives (50%), impact on business (30%), and novelty factor/uniqueness (20%).

Prize

The winning solution will receive 5 000 euros.

Submission Deadline

The submission deadline is 19th March.

If you're interested in participating in this challenge and unlocking the potential of Earth Observation from Space, submit your proposal to ANI. We look forward to collaborating with you!