

COUNTRY HOT TOPICS

GOFC-GOLD Network: SCERIN / MedRIN

Country: POLAND

Joint Workshop of the GOFC-GOLD SCERIN and MedRIN Networks

CIHEAM conference center, Chania, Greece, July 16 – July 19, 2024

Land Cover Change (LCC) and Extreme Events in the Context of Climate Change

Mediterranean Agronomic Institute of Chania

Region of Crete

Eratosthenes Center of Excellence, Cyprus University of Technology

Aristotle University of Thessaloniki

NASA LCLUC Program

GOFC-GOLD and START, USA



EO in Poland are conducted in scientific institutes, universities and companies:

(shortlist)

Space Research Center (CBK PAN)

Institute of Geodesy and Cartography (IGiK)

Institute of Meteorology and Water Management (IMiGW)

Warsaw University of Technology (PW)

Warsaw University (WU)

AGH University

Jagiellonian University

University of Agriculture in Krakow

Private companies more every year

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CIHEAM
MAI CHANIA



START



ERATOSTHENES
CENTER OF EXCELLENCE



CzechGlobe

Increasing involvement in ESA programmes in 2023

Poland has increased its involvement in the activities of the European ESA

360 000 000 EUR in the years 2023-2025

- EO satellite programme – EUR 85 M,
- ESA support for the Polish sector – EUR 7 M,
- internship programme for Poles at ESA – EUR 3 M,
- technical and scientific mission with the participation of a **Polish astronaut** – EUR 65 M,
- ESA optional programmes – EUR 200 M.

the increase in the contribution ensured Poland **the 8th place**

among the countries with the highest contribution for ESA optional programs.

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Increasing involvement in ESA programmes in 2023

Civilian constellation of at least 4 observation satellites will be created - CAMILA

- **1-2 micro-class optoelectronic satellite** (50-200 kg),
spatial resolution of 0.7-1.5 m, four bands: Red, Green, Blue and NIR.
- **2 nano-class optoelectronic satellite** (up to 10 kg),
spatial resolution of 3-5 m; four bands: Red, Green, Blue and NIR.
- **1 micro-class radar satellite**, spatial resolution 1-3 m, X-band.

CAMILA constellation will be complementary to the designed MikroGlob system.

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Polish Space Agency POLSA NSIS National Satellite Information System

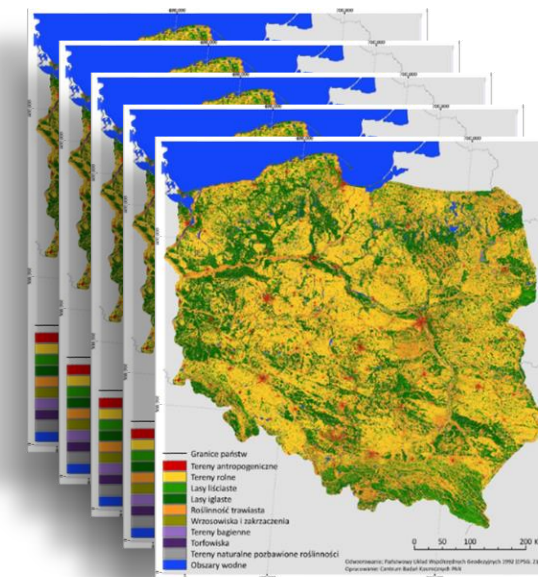


Figure. INSIS, (Source: Polish Space Agency).

more thematic layers are added every year

Land Cover of POLAND:
2019, 2020, 2021, 2022, 2023

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GOFC-GOLD
Global Observations of Forest
Cover and Land-Use Dynamics

ARISTOTLE
UNIVERSITY
OF THESSALONIKI

GEOGRAPHICAL
HELLENIC



START



CzechGlobe

Περιφέρεια Κρήτης
Region of Crete

GIS
Crete



FACULTY OF SCIENCE
Chania University

EuroGEO

WORKSHOP 2024

Krakow, Poland

8-10 October

 8-10 October 2024

 Krakow Poland, Holiday INN | An IHG Hotel

PROGRAMME

REGISTRATION

ACCOMMODATION & DETAILS