



Agricultural University of Krakow, Department Of Land Management And Landscape Architecture –
consortium leader of an international research project

Artificial intelligence and geodata for sensibilisation of local communities for sustainable spatial development (GeoSen)

is pleased to present

INTERNATIONAL SCIENTIFIC CONFERENCE PROGRAMME

Location 1: URK Congress Center, al. 29 listopada 46, Krakow

- 9.00 – 9.30** **Registration**
- 9.30 – 10.00** **Official opening of the conference and guests' speeches**
- 10.00 – 11.00** **1st plenary session**
- 10.00 – 10.15 **Tomasz Salata** (URK, Poland)
Analysis of Sentinel-2 satellite imagery with artificial intelligence: from image to strategy in spatial planning
- 10.15 – 10.45 **Hans-Joachim Linke** (TUD, Germany)
Findings from the practice-oriented evaluation of interactive geodata to sensitize local planning authorities
- 10.45 – 11.00 **Józef Hernik, Anita Kukulska-Koziel, Katarzyna Cegielska** (URK, Poland)
A series of scientific publications developed as part of the GEOSSEN project: from macro- to micro-analysis
- 11.00 – 11.30** *coffee break*
- 11.30 – 12.30** **2nd plenary session**
- 11.30 – 11.45 **Markus Jobst** (Vienna University of Technology, Austria)
Approaching a future geospatial ecosystem as geospatial knowledge infrastructure - an ongoing discussion at the global level of United Nations
- 11.45 – 12.10 **Markus Huhn** (Coramaps, Germany)
Technical developments in satellite data analysis for the observation of rural areas
- 12.10 – 12.30 **Michał Wyczalek-Jagiello** (Geomatic, Poland)
New horizons in Urban Analytics: Artificial Intelligence and Super Resolution in Satellite Image Recognition
- 12.30-13.00** **Poster session**



13.00 – 14.00 3rd plenary session

13.00 – 13.15 **Abreham Berta Aneseyee** (Wolkite University/Consultant on SLM/NRM Interventions impact at Ministry of Agriculture in Ethiopia),
Eyasu Elias (Addis Ababa University/State Ministry of Agriculture in Ethiopia)
Sustainable Land Management Implemented in the last 20 years in Ethiopia to Achieve Sustainable Development Goals

13.15 – 13.30 **Selim Bayraktar** (İstanbul University-Cerrahpaşa, Turkey)
Exploring Analytical Tools for Analyzing Land Use Change Dynamics: Strengths and Limitations

13.30 – 13.45 **Mara Popescu** (George Emil Palade University of Medicine, Pharmacy, Science and Technology of Târgu-Mureş, Romania)
Digital investigation in cultural heritage research

13.45 – 14.00 **Csanády Gábor Mátyás** (Óbuda University, Hungary)
Architectural layers in our personality. Who you are as a house, what kind of building is in you

14.00 – 14.30 **Discussion panel:** Modern technologies supported by science as the future of public administration and sensibilization of local communities

14.30 – 15.30 **lunch**

15.45 - 16.30 **Bus ride to the second conference location**

Lokalizacja 2: URK campus, 253 Balicka St., Krakow

16.30 - 16.45 **Results of the international architecture contest**

„Concept for landscaping of the area at the Ostrozky-Lubomyrsky Castle in Dubno (Ukraine)” <https://kgpiak.urk.edu.pl/konkursy.html>

16.45 - 17.00 **Results of the international architecture contest and project exhibition**

“Development of public space near the church, parish house and presbytery for recreational purposes, Klaj municipality”

17.00 - 17.30 **Results of the E-BIP international architecture contest and project exhibition**

“EXCENTRIC LAB: Greenwall garden and green point for Balicka Campus” https://kgpiak.urk.edu.pl/erasmus_bip.html

17.30 **Barbecue**