



International Scientific Polish-Ukrainian Seminar

within the project

"Urban greenery monitoring as an element of sustainable development principles and green deal implementation"

University of Agriculture in Kraków

Faculty of Environmental Engineering and Land Surveying
Department of Land Management and Landscape Architecture

and

National Aviation University

Faculty of Architectural Structures and Airfields
Department of Aerospace Geodesy and Land Management

20.11. - 23.11.2023 r.
Kraków, ul. Balicka 253C

19.11.2023 r. (Sunday)

Arrival and check-in at the hotel

20.11.2023 r. (Monday)

Official opening of the seminar - *dr inż. Tomasz Noszczyk, prof. URK (URK)*

Meeting with the Head of the Department of Land Management and Landscape Architecture – *prof. dr hab. inż. Józef Hernik (URK)*

Brief presentation of current research in the Department and spatial data lab – *dr inż. Katarzyna Cegielska (URK), dr inż. Anita Kukulska-Kozieł, prof. URK (URK), dr inż. Tomasz Noszczyk, prof. URK (URK)*

Discussions on the common research within the project

21.11.2023 r. (Tuesday)

Study of the land use and land cover change of Ukraine based on remote sensing data – *Vadim Belenok, PhD* (NAU)

Combined thematic processing of multispectral and radar data – *Oles Zheleznyak, assistant* (NAU)

Selected landscape indicators and metrics in spatial analyses of cities – *dr inż. Katarzyna Cegielska* (URK)

Monitoring of urban green spaces to detect negative landscape changes and make conscious decisions – *dr inż. Anita Kukulska-Kozieł, prof. URK* (URK)

Landscape of large cities vs. progressive land degradation due to lack of green space – *dr inż. Tomasz Noszczyk, prof. URK* (URK)

Satellite and GIS technologies in the analysis of urban green spaces – *dr inż. Piotr Bożek* (URK)

Conclusion of the scientific seminar

Working on a joint scientific publication - developing the main concepts

22.11.2023 r. (Wednesday)

Field exploration - analysis of the structure of green areas with different functional purposes on the example of Krakow city centre

Summary of the seminar

Departure

This seminar was supported by the Polish National Agency For Academic Exchange in the framework of the project "Joint Research Projects with Ukraine 2021" and Ministry of Education and Science of Ukraine