



## Best Practice Transfer: Digital Technologies in Precision Agriculture from V4 Countries to Ukraine

<https://lpnu.ua/en/agro>

### MEETING PROGRAM

27-28 November 2025, Faculty of Geo-Data Science, Geodesy, and Environmental Engineering, C-4 AGH, room 111

#### Day 1 – 27<sup>th</sup> November 2025

**09:00 – 09:15 Registration**

**09:15 – 10:00 Working session I: Identification of key data indicators**

- Presentation: Identifying Comparable Data Indicators

**10:00 – 10:10 Coffee break**

**10:10 – 10:30 Opening Remarks (online)**

- Project Coordinator: Introduction and Objectives
- Brief Overview: AGRO Project

**10:30 – 12:30 Open session with professionals**

- **Defining the Spatial Soil Heterogeneity by DZE** Viacheslav Adamchuk and Jasmeen Kaur (McGill university, Canada), \*Nadiia Adamchuk-Chala (Ukrainian Research Institute of Microbiology and Virology of Zabolotnyi, Ukraine), Vitaliy Yatsenko (Institute of Space Investigation NASU-SSAU, Ukraine), Joann Whalen and Asim Biswas (McGill University, Canada) - online
- **Remote sensing-based soil moisture estimation for precision farming decision support** \*Małgorzata Wojtaszek (Obuda University, Hungary) - onsite
- **GIS and Remote Sensing for Precision Agriculture in Ukraine: Applications and Educational Perspectives** \*Lyubov Babiy (Lviv Polytechnic National University, Ukraine) – onsite
- **Application of geospatial technology in precision farming on the example of selection of waste disposal sites** \*Nguyen Thi Diem My (AGH University of Krakow, Poland) - onsite
- Suggestions for practical applicability of indicators & online Feedback from Other V4 Representatives
- Group Discussion: Integrating Practical Insights

**12:30 – 14:00 Lunch / Networking**

**14:00 – 14:30 Discussion: Harmonising Data Collection across V4 Countries**

**14:30 – 16:00 Working Session II: Defining Deadlines and Deliverables**

- Key Milestones; Responsibilities; List of Comparable Indicators
- Drafting a preliminary list of indicators and identifying areas for further elaboration
- Summarizing panel conclusions and integrating them into the project framework

**16:00 – 17:00 Closing Remarks and Summary of Day 1**

- Project Coordinator: Key Takeaways and Next Steps

---

#### Day 2 – 28<sup>th</sup> November 2025

**09:00 – 09:30 Recapitulation of Day 1**

- Summary of Agreed Points

**09:30 – 11:00 Working session III: Methodology for data collection and analysis**

- Group Work: Refining Data Collection Methods
- Discussion on tools and standards
- Exchange of experiences among partners
- Presentation of the Draft Guidelines

**11:00 – 11:30 Coffee Break**

**11:30 – 12:30 Concluding Discussion**

- Final Agreement on Methodological Approaches
- Setting Up Follow-up Actions

**12:30 – 13:30 Lunch / Networking**

**13:30 End of Meeting**

