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Foreword

Dear Readers and Authors

In presenting the third issue of the *Geomatics, Landmanagement and Landscape* Journal for 2026, I would like to offer a brief overview of the papers it contains alongside with news of a significant moment for our community. This issue is the last to be published under my editorial leadership. Throughout our years of collaboration at the University of Agriculture in Kraków, we have strived to build a platform for the exchange of scientific and practical expertise in the fields of geodesy, geoinformation, and spatial planning. I am confident that the journal's established format will be successfully carried forward by my successors.

The structure of the current volume effectively reflects the evolving directions of modern spatial engineering– ranging from the modern documentation of historic structures and traditional land management tools to digital registers and advanced data analytics.

The first two articles align with the trend of utilizing remote sensing for the preservation of architectural heritage. A team led by P. Leń (P. Leń, M. Kuzdak, K. Maciąg, M. Maciąg, K. Ożóg) analyzed the potential for integrating terrestrial laser scanning (TLS) and photogrammetry to create a 3D model of the historic hunting palace in Julin.

Meanwhile, P. Leń, K. Ożóg, K. Maciąg, and M. Maciąg applied a similar approach to documenting the 19th-century tenement house located at Rynek 11 in Przemyśl. In both cases, the authors highlight the benefits of combining the geometric accuracy of point clouds with the visual detail, which is directly relevant to inventory purposes and conservation work.

The next paper addresses issues related to the structure of rural areas. A. Doroż, J. Janus, and D. Duraziński present an assessment of the impact of land consolidation in some areas of the Przeginia cadastral district. Their analysis of indicators, such as plot elongation, road accessibility, and the reduction of informal access routes, reveals the actual scope of organizational changes that this process brings to the agricultural landscape.

The issue of efficient verification and ongoing maintenance of state spatial databases is addressed in a study by P. Bożek, A. Doroż, P. Klapa, D. Duraziński, and M. Zagórowski. The authors examined the extent to which low-altitude data acquired using lightweight unmanned aerial systems (UAS) allow for the updating of the BDOT500 database within required accuracy standards.

The issue concludes with an article by M. Balawejder, J. Dąbrowski, and L. Polny concerning the PandemIQ system concept. The authors propose combining predictive models with GIS spatial visualization tools (ArcGIS), demonstrating their potential to support decision-making processes in crisis management based on epidemiological and mobility data.

As I conclude my tenure as the Editor-in-Chief, I would like to extend my sincere thanks to all the Authors, Reviewers, Editorial Board Members, and everyone else involved in the publishing process for years of fruitful collaboration. I wish the Journal's new Leadership and Editorial team every success in their future academic endeavors.

Prof. DSc., Eng. Urszula Litwin
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