

## FOREWORD

It is our pleasure to bring you the next issue (4/2023) of the quarterly journal *Geomatics, Landmanagement and Landscape* published by the University of Agriculture in Krakow.

This publication contains a total of 26 papers, which can be grouped into six categories: spatial planning and real estate management; the use of research tools and apparatus to diagnose the condition of industrial and transport infrastructure and the inventory of cultural monuments; the monitoring of water resources; the discussion and practical application of methods of data acquisition and analysis; and the legal aspects that shape land use processes. This is complemented by a separate category of topics presenting the key geodetic and spatial problems of Algeria, expanded by water conservation and environmental issues.

It also worth considering the collected articles in the light of integrative trends current in contemporary science, as this will help the Reader to appreciate the necessity of research dedicated to many branches of the economy. Analysing the articles collected in this Issue from this angle, one notices that each of the presented research areas fits very strongly into the field of space management and landscape design. At the same time, some of the research methods and objectives fall into a common denominator that constitutes an internal integration of geodetic sciences, as the scope and implementation of accomplishments focus around the constitutive aspects of planning and spatial management.

The second line of presented works broadens the spectrum of research to include aspects related to the evaluation and protection of cultural heritage and history. Geodetic methods and models prove to be very useful in the process of imaging, describing and preserving historic monuments. Here, the correct choice of methods, as well as the evaluation of the results, require knowledge beyond geodesy, especially in the fields of history of art and literature. This is therefore an example of an outward integration of the geodetic sciences, so necessary in conducting interdisciplinary research.

This multifaceted view of science has mutual benefits: for the researcher, it provides an opportunity to define areas for further analysis; for the audience, it indicates the universality of science and its utilitarianism in everyday life.

We invite you to read the contributions of this Issue and encourage you to publish in our pages..

*Dr Szymon Sikorski, MBA  
– representative, assistant to the Rector of the University of Agriculture in Krakow*