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UNIVERSITY OF AGRICULTURE  
IN KRAKOW

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# Geomatics, Landmanagement and Landscape

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**GLL** *Geomatics,  
Landmanagement  
and Landscape*

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# Geomatics, Landmanagement and Landscape

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## Foreword

Dear readers,

I am honoured to have been asked to write the foreword to this issue of our journal. I say 'our' as I have been a member of the editorial board since the founding of the journal and am responsible for one of its sections. These past dozen or so years have brought many challenging and stressful moments, but also great satisfaction that, in such difficult times for academic journals, we have succeeded in maintaining our publication. This year, we face major reforms aimed at reducing the costs of running the journal, whilst at the same time we are constantly thinking about expanding our reach and improving our citation count. We are continually working to ensure that the journal is indexed in various databases, but this is a very demanding and time-consuming task.

Turning to the main content of this issue of the journal, it is difficult to write a foreword considering the diverse range of topics covered by the papers. It is difficult to find a common denominator for such varied articles, but upon further reflection, there is one factor – the computer. Not as a means of writing the articles (surely nobody types on a typewriter anymore), but as a means of collecting, processing and analysing measurement data. No paper featured in this issue would have been produced without the use of computers and algorithms for data collection and processing. The modern world of science can probably no longer operate without computers and artificial intelligence. Recently, it is artificial intelligence that is increasingly being applied in research. There is a rise in the use of measurement robots. Scientists and researchers are gradually losing full control over measurements and results. On the one hand, the use of AI leads to a sharp increase in the volume of research being carried out, but on the other, in my view, it causes a decline in its quality. Many people, particularly young people, do not read scientific publications and books, do not develop algorithms, do not analyse results, but simply ask queries to AI models. In such cases, the negative verification of research is restricted, critical conclusions are lacking, and we risk trapping our research in a loop. Unfortunately, this can be conducive to unreflective scientific practice.

I trust that the articles collected in this issue of our journal will spark interesting academic discussions and exchanges of views, which will undoubtedly contribute to the advancement of research. Let us not be afraid to think, question, discuss and offer constructive criticism, for it is precisely such efforts that drive progress.

*Assoc. Prof. Andrzej Kwinta, DSc, Eng.*