



## SPECIAL ISSUE ON THE INTERNATIONAL SYMPOSIUM ON APPLIED GEOINFORMATICS 2019

### GUEST EDITORS

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### DESCRIPTION

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Dear Colleagues,

Over the last years we have observed a significant technological development in both instrumentation and algorithm aiming at capturing and processing geodetic and geospatial data. As a result currently most of the information about the Earth's shape and surface is retrieved with the use or with augmentation of satellite-based systems. With such cutting-edge advances now it is feasible to meet high requirements of conventional geodetic and surveying applications. Considering GNSS technology as an example, it possible to determine the position with a degree of precision which was previously unachievable by traditional surveying methods. But what is more important; these developments stimulate a broad range of new applications, creation of novel opportunities and markets for geodetic techniques.

In this respect the **International Symposium on Applied Geoinformatics 2019** has naturally become a crucial waypoint on the map of geodetic conferences and seminars. This symposium aimed to provide an international forum for exchange of ideas and creation of knowledge in recent advances on various aspects of theory and application of geodesy and geoinformatics.

The goal of this Special Issue is to gather high-quality contributions that advance the state-of-the-art by combining selected papers from the **International Symposium on Applied Geoinformatics** which took place at the *Yildiz Technical University, Istanbul on November 7-9th, 2019*.

### SCOPE

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The scope of this Special Issue includes, but is not restricted to: Surveying Engineering, Global Navigation Satellite Systems (GNSS) positioning and applications, Deformation monitoring, Adjustment Theory and Mathematical Geodesy, Geodetic Networks, Geoid determination and height systems, Marine Geodesy and Satellite Altimetry, Satellite Gravimetry, Numerical methods and software developments in Geodesy, Geodynamics, Geophysical Geodesy, Photogrammetry and Remote Sensing.

**Paper submission deadline: 6th December 2019**

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