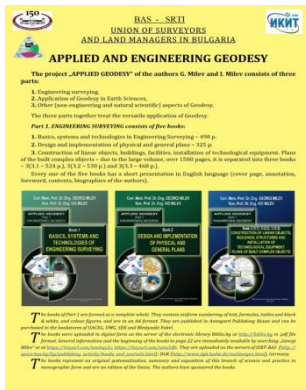


REMOTE SENSING TECHNOLOGY IN ENGINEERING GEODESY



After nearly nine years of work, G. Milev and I. Milev completed the series of 5 books on Applied Geodesy - Part 1 Engineering Geodesy (2022). In its essence, this work summarizes the modern problems of construction, architecture, the organization of the territory and the role and place of Engineering Geodesy. Thus, for the first time, these activities and characteristics of surveying are jointly considered from an interdisciplinary perspective. Engineering geodesy exists as an inseparable element of this complex activity, in which various specialties and, especially, geospatial technologies have an indisputable role.

The books reflect the views of the authors, their long-term research, teaching experience and participation in research and construction of engineering objects with original spatial-constructive solutions. The exposition is in accordance with the current regulatory framework and the possibilities offered by modern digital devices, tools, systems and technologies.

The series offers a number of original solutions: 1. A new concept is introduced in the literature - System/s of monographs; 2. Three groups of matter are distinguished; 3. An original, consistent multi-level (triple) four-level numbering of the content (up to 3 levels), figures, tables, quotations is developed and offered for use; 4. A large number of specific examples from the practice of the objects under consideration are given; 5. The principles, exposition and general joint presentation of construction, architecture, land use, engineering geodesy applied here are prerequisites and fit into BIM, which is the desired perspective.

The bibliographic description of the books is as follows:

Milev, G., I. Milev. Applied Geodesy. Part 1, Engineering Surveying:

Book 1. Basics, Systems and Technologies in Engineering Surveying. Sofia, USLMB. Avangard Publ. House. 2017. 498 p.;

Book 2. Design and Implementation of Physical and General Plans. Sofia, USLMB. Avangard Publ. House. 2017. 330 p.;

Books 3. Construction of Linear Objects, Buildings, Structures and Installation of Technological Equipment. Plans of Built Complex Objects. {Books 3(3.1), 2019. 524 p.; 3(3.2), 2022, 530 p.; 3(3.3), 2022, 466 p.}.

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