

PROSPECTS FOR THE DEVELOPMENT OF GEODESIC AND CARTOGRAPHIC PRODUCTION AND THE NEW PARADIGM OF GEOSPATIAL ACTIVITY

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The relevance of the study lies in the justification and development of a new paradigm of activity in the field of geodesy and cartography in connection with general changes and trends in the development of the economy and the upcoming change in technological patterns. The aim of the work is to identify and substantiate essentially new features of geospatial activity that determine the essence and content of this paradigm. The method of logical analysis of the achievements, changes, trends and development prospects of this segment of the economy and social sphere is used. The results of the work. The definition of geospatial activity (industry) is given as a new idea of the complex of all types of activities related to the collection, processing, presentation and use of coordinate-related data. Seven utterly new phenomena, functions, processes and development prospects characterizing geospatial activity have been identified and discovered. Conclusion: a new paradigm through a combination of new ideas, potential opportunities and structural transformations sets the vector for the formation of the modern geospatial industry, its focus on activities and services to optimize the use of territorial resources, and systemically ensure the needs of society.

Key words: geodesy, cartography, geoinformation, geoscience, geospatial activity, geospatial industry, geospatial science.

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