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**SYSTEMIC ORGANIZATION OF PROCESSES
OF GEOLOGICAL DEVELOPMENT OF THE EARTH**

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R e s u m e

The global geological system which includes asthenosphere, lithosphere, hydrosphere, atmosphere and biota is determined. Energetic of the system, its functional structure and dynamic are considered. The processes that consolidates biospheric and tectonospheric areas of the system are analyzed. The understanding of genesis of main geological events and structures, free of internal contradictions, is reached. It is presented the explanation of causes of geological development of the Earth, in accordance with which the geoevolution displays dynamic and development of studied system. There are diagnostic and prognostic conclusions, the concepts of field and laboratory experiments, which let verify systemic geotectonic conception.

The monograph is addressed to wide circle of specialists who are interested in the geoevolution explanation from combined interdisciplinary positions.

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