Bosporus Evolution: Its Role in the Black Sea Forming

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Abstract : The research is dedicated to the issue of Bosporus evolution and its key role in the Black Sea forming. Up till nowadays, there is no distinct picture of the historical and geographical events of the last 10 thousand years on the territory from Altai up to the Alps. The present article is an attempt to clarify and, moreover, link the presented version to the historical and climatic events of this period. The paper is a development of the basic idea stated in "Hypothesis on the Black Sea origin". The succession of events in dynamics is offered in this article. In the article, it is shown that fluctuation of the level of the World Ocean is a mirror of the basic events connected with the climate on the Earth on the one hand and hydraulic processes on the other hand. In the present article, it is come out with the assumption that at the formation of passage, there were some cycles of change in a level of the World ocean. The phase of the beginning of climate warming is characterized by an increase in the level of inland water bodies on the way of meltwater runoff and an increase in the World ocean level. The end of the warming phase is characterized by the continuation of a rise in the level of the World ocean and the drying up of inland water bodies deprived of meltwater replenishment.

Keywords : Bosporus, Ryan-Pitman hypothesis, fluctuations of the World Ocean level, the Paratethys Sea, catastrophic breakthrough
Conference Title : ICGEGIS 2022 : International Conference on Geomatic Engineering and Geospatial Information Systems
Conference Location : Istanbul, Türkiye
Conference Dates : September 27-28, 2022