

**PALAEOGEOGRAPHIC RECONSTRUCTION OF COASTAL
AND SHELF ZONES OFFSHORE BULGARIA DURING QUATERNARY**

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The paper presents results of lithostratigraphic and biostratigraphic investigations of several site survey wells deep up to 62 m in Northern and Central parts of Bulgarian Black Sea shelf and some lowlands as Batova and Kamchiya River firths. The study focuses on reconstruction of the palaeogeographic conditions of the coastal and shelf zones during Quaternary time. The both latter geomorphological units are genetically connected and their present state fixed by the modern coastline is only a short moment of their geological development. Our study shows how variable were the palaeoecological conditions on the Bulgarian Black Sea part during Quaternary.

Palaeogeographical changes during Quaternary have been restored through a complex study applying several research methods as: molluscan fauna analysis, detail lithological description of the cores, geomorphological analysis of the studied areas, archeological data and radiocarbon dating.

Stratigraphic sequence of the Quaternary sediments has been realized and a curve of sea-level changes has been drawn. The curve indicates for several marine phases in the present day lowlands during last 7-8 thousand years.

