

EROSION AND ALLUVIAL PROCESS IN LATEST GEOLOGIC HISTORY ON THE EXAMPLE OF THE RIVER DON BASIN

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In late Cenozoic in the river Don valley alluvial process was defined by three factors: alteration of erosion basis (Miocene), climatic fluctuations (Pliocene - Pleistocene) and cutting down of basin area (Late Pliocene and Don glaciation). Bottom and lateral erosion, alluvium thickness and its facial composition was greatly influenced by climatic changes.