

# **Assessment of speed of the recent floodplain alluvium accumulation in basins of minor rivers of the East of the Russian plain**

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## **Abstract**

The indicator of intensity of erosive and accumulative processes in basins of minor rivers is forming of the recent floodplain deposits. Studying of width and age of deposits has been held since 70-80th of the XX century. Three methods are used in studying of the recent floodplain accumulation. They estimate influence of natural and anthropogenic factors on speed of floodplain deposits accumulation in basins of minor rivers in various landscape conditions. Floodplain deposits do not grow in forest landscapes with minimum anthropogenic impact. In comparison with natural conditions speed of floodplain deposits accumulation in reclaimed landscapes of forest-steppe and steppe zones increases in 1-2 times (in average until 21-22 mm per year).

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## **Keywords**

Erosive and accumulative processes, Floodplain accumulation, Floodplain deposits, Forest coverage, Minor rivers, River basin, The proportion of ploughed land