

REZENTE GEWÄSSERENTWICKLUNG IM OBREREN DONAUEINZUGSGEBIET UNTER DEM EINFLUSS DES MENSCHEN

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SUMMARY

A profile of the Plattenmoos mire (Eastern Black Forest) is used to reconstruct the mire development and the geomorphodynamic activity of the surrounding area. While the recent increase in geomorphodynamic activity has been triggered by human activity, longterm mire development is connected to the development of the rivers in the catchment area.

The natural courses of the Hofbächle, Wolfbach and Wolfsbach rivers are reconstructed as examples. The appreciable changes in the catchment areas of these rivers result in the draining of the Plattenmoos mire. The hydro-geomorphologic results show a deepening of the river floor and gully formation as a consequence of regressive erosion in the middle of the river course. Ultimately, the water balance of the mire changes as a consequence of these semi-natural processes.