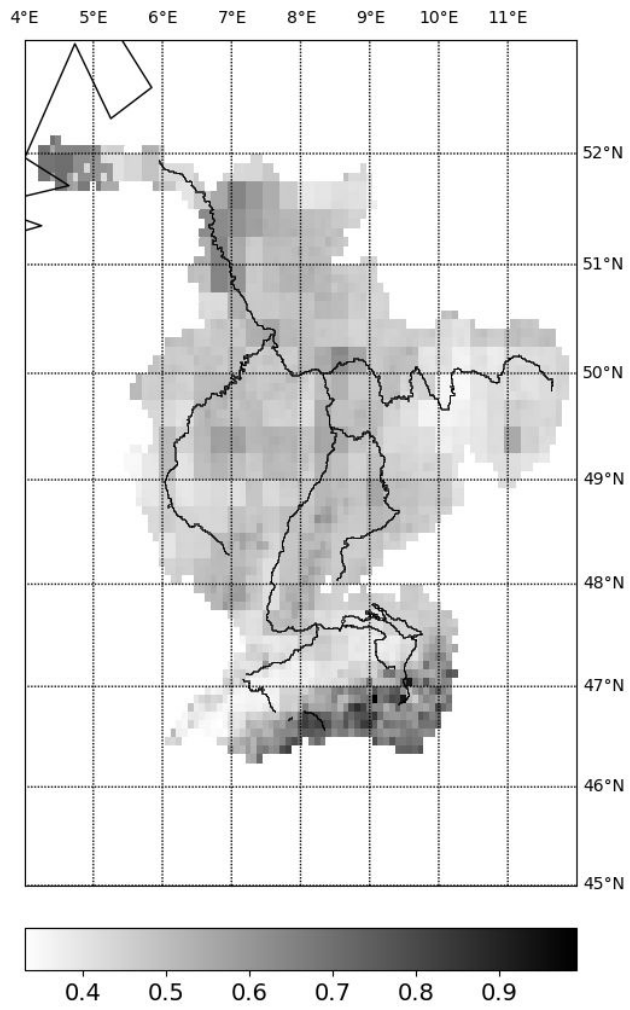
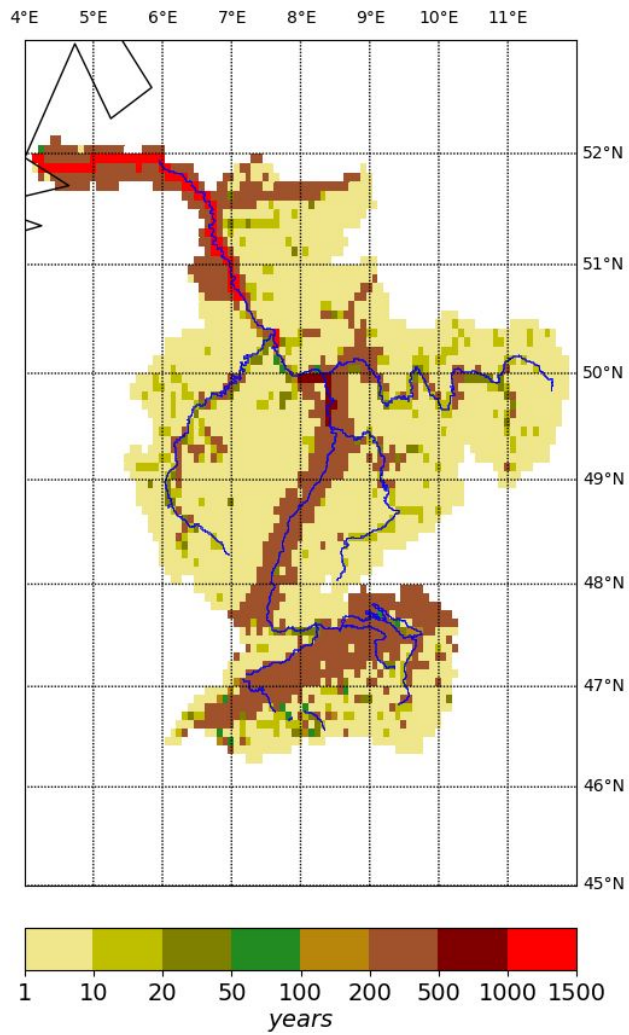


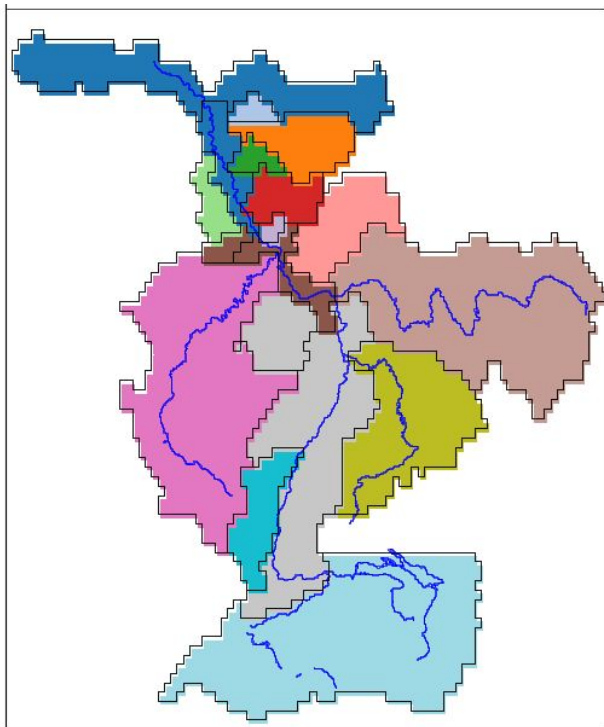
S1 Spatial variability of the floodplain deposition factor (f)



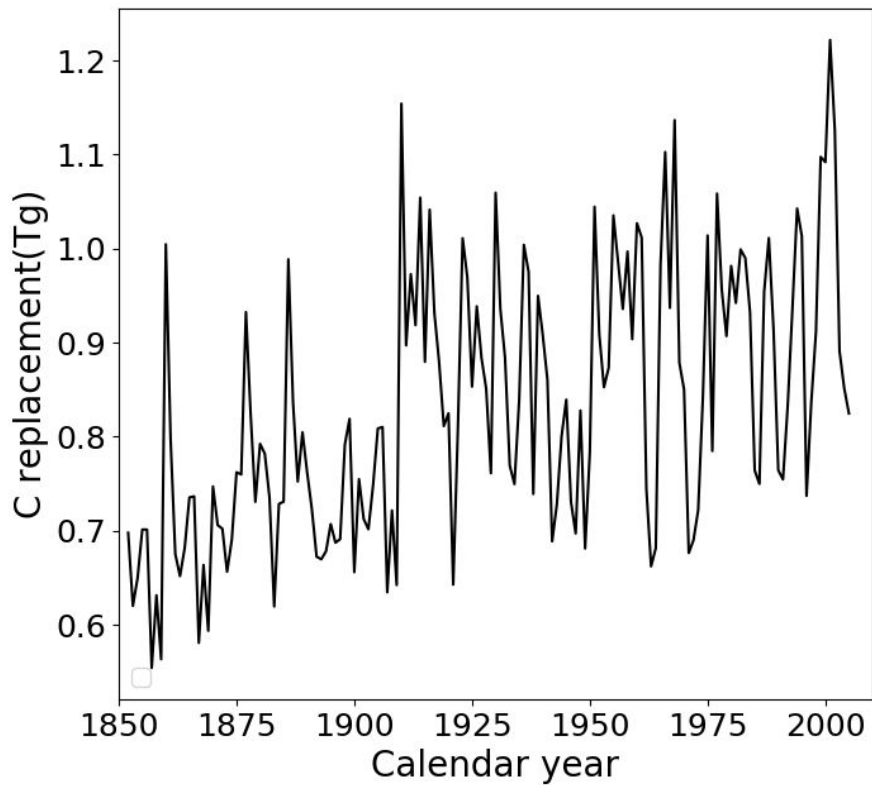
S2 Spatial variability of the sediment residence time (τ)



S3 Rhine subbasins



S4 A: Erosion-induced C replacement under climate change and land use change



S4 B: Erosion-induced C replacement under land use change only

