

Obrecheuil river quality assessment and improvement (Belgium)

A river quality assessment was achieved along its fourteen kilometers. This allowed to highlight hydromorphological issues or imbalances. Then suitable improvement projects were designed.

This assessment considered river bed features, habitat diversity, banks quality, land use in the floodplain, biodiversity, works and obstacles, flow rate disturbances.

Some river sections were particularly damaged because of inappropriate land use in the floodplain, artificial banks or riverbed structures or works being obstacles to waterflow, fish and sediments.



The quality assessment along the river course has fortunately also highlighted some quite natural sections which have to be preserved.



These field data were mapped, and suitable solutions were designed. Technical documents and specifications were finally produced.