Migration patterns of various fish species in the Rhine delta based on telemetric studies

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Abstract

Fish migration patterns in the Rhine delta, a relatively large area and important for navigation, has been studied for several species like Atlantic salmon (Salmo salar), sea trout (Salmo trutta), ide (Leuciscus idus), barbel (Barbus barbus) and eel (Anguilla anguilla). The Nedap Trail System® was used in all studies. This telemetry system was specially developed for the study of long distance fish migration in water bodies with relatively high conductivity and intensive shipping, using fixed detection stations on the banks to detect passage of the tagged fish. Results of the studies, obtained in the period 1996-2004, are summarized and discussed.

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