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## **WPLYW ZBIORNIKA JEZIORSKO NA JAKOŚĆ WODY W WARCIE, POPULACJE RYB I ICH BAZĘ POKARMOWĄ (1985-1992)**

**IMPACT OF THE JEZIORSKO RESERVOIR ON THE WARTA  
RIVER WATER QUALITY, FISH POPULATIONS AND THEIR  
FOOD BASE (1985-1992)**

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### **ABSTRACT**

The impact of a big, lowland, man-made reservoir (18 km<sup>2</sup>), located in the middle course of the Warta River (808 km long) on physico-chemical water parameters and selected communities (primary producers, seston, macroinvertebrates and fish populations) was investigated in a backwater and a tailwater sites (1985-1992). Engineering connected with dam construction (water manipulations, water quality, bank revetment, clearing riparian trees) had a much stronger impact on the investigated parameters at the tailwater site. This pattern of changes was obscured by climatic phenomena (severe winter, dry summer) and essential water quality improvement at the end of the investigation period).