



## **Hydrological relation between two small catchments in central Poland – Zwoleńka vs Zagożdżonka rivers**

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Since 1992 the European Union is implementing the European Ecological Natura 2000 Network. The main purpose of creation of Natura 2000, is to protect the natural endangered habitats and species of plants and animals across Europe characteristic to 9 regions. In Poland there are only two regions: continental and alpine. Many Nature 2000 areas are in a way connected with water and often covers small not hydrologically investigated catchments and rivers. Since, 2008 the Department of Hydraulic Engineering and Environmental Restoration, Warsaw University of Life Sciences has started a hydrological investigation in Zwoleńka river catchment which valley is a protected Nature 2000 area. One of the most important species in this area is a pond turtle which prefer the wet habitats. There is no precise hydrological data for the Zwoleńka river, however, the other Zagożdżonka river catchment which border on Zwoleńka is investigated since 1963. The main purpose of this investigation is the find the relation between this two river catchment: protected Nature 2000 with no data and carefully investigated Zagożdżonka, with long time hydrological data set.