Abstract

The main aim of this thesis is assessment and presentation of results of the hydromorphological survey of the Bílina river, which belongs to rivers with the biggest anthropogenic impact in the Czech Republic. The method Hydroecological monitoring (HEM, Langhammer, 2007) was used for the survey. This method is compatible with the Water Framework Directive 2000/60/EC. 53 parts of the river with the lenght 31,99 km were assessed. The thesis also includes assessement of the rainoff regime and information about protection of water ecosystems and sources in the Bílina river basin.

Keywords: hydromorphology, HEM, Bílina river