



POSTUPAK ANALIZE PRITISAKA I PROCENE ANTROPOGENIH UTICAJA NA VODNE RESURSE

ANALYSIS OF PRESSURES AND ASSESSMENT OF ANTHROPOGENIC IMPACTS ON WATER RESOURCES

REZIME

Analiza pritisa i uticaja na vodna tela u skladu sa odredbama iz člana 5 Okvirne direktive o vodama (ODV) je jedna od ključnih faza u izradi plana upravljanja rečnim slivom. Ovaj rad opisuje razvoj metodološkog okvira za analizu antropogenih pritisa, procenu uticaja i preliminarnu procenu rizika da se ne postigne „dobar status“ površinskih voda u planiranom vremenskom periodu. Metodologija se zasniva na kombinovanom korišćenju raspoloživih podataka o izvorima pritisa, pritiscima, stanju vodnih tela, propisa o zaštiti voda i životne sredine, kao i ekspertskih procena značaja izvora pritisa i pritisa, procena rizika i mapiranju rezultata.

Ključne reči: xxxxxxxxxxxx

SUMMARY

Analysis of pressures and impacts on water bodies in accordance with the provisions of Article 5 of the Water Framework Directive (WFD) is one of the key stages in the preparation of river basin management plan. This paper describes the development of a methodological framework for analyzing anthropogenic pressures, assessment assessment of impacts and a preliminary assessment of the risks that can not achieve "good status" of surface waters within the planned timeframe. The methodology is based on the combined use of available information on sources of pressures, pressures, status of water bodies, regulations on water protection and the environment, and expert assessment of the importance of sources of pressures and pressures, risk assessments and mapping of results.

Key words: xxxxxxxxxxxx

1. UVOD

Tokom poslednje dve decenije u svetu je značajno promenjen pristup upravljanju vodnim resursima. Daskorašnji, pretežno inženjerski pristup bio je usmeren na vodoprivredne delatnosti, kao što su: vodosnabdevanje stanovništva, zaštita voda, navodnjavanje, zaštita od štetnog dejstva voda, vodne akumulacije i zaštita od erozije. Novi sveobuhvatniji pristup zasnovan je na konceptu održivog razvoja i integralnom upravljanju vodama, koje uzima u obzir ukupni vodni ciklus sa svim prirodnim i antropogenim aspektima i interesima korisnika voda.

Sledeći globalno usaglašen koncept održivog razvoja u oblasti voda Evropska unija je 2000. godine usvojila „Okvirnu direktivu o vodama-ODV“ [1], kojom se uspostavlja novi okvir za sveobuhvatnu zaštitu svih površinskih i podzemnih voda i njihovo održivo korišćenja sa opštim ciljem da se dostigne dobar ekološki status svih vodnih tela u Evropskoj uniji do 2015. godine. Specifični ciljevi Direktive su: sprečavanje daljeg

1. INTRODUCTION

The approach to water resources management has changed considerably during the past two decades. Until recently, the largely engineering approach focused on water management areas such as: public water supply, water protection, irrigation, protection against the adverse effects of water, reservoirs, and erosion control. The new, more comprehensive approach is based on the concepts of sustainable development and integrated management of water resources, which take into account the entire water cycle, including all of its natural and anthropogenic factors, and interests of water users.

In keeping with the globally acknowledged concept of sustainable development of water resources, in 2000 the European Union adopted the Water Framework Directive (WFD) [1], which establishes a new framework for comprehensive protection of all surface waters and groundwaters and their sustainable use, with the general goal of achieving good ecological