

Mateja Klaneček:

PRESOJA VODNOGOSPODARSKE UREJENOSTI POVODJA

Mentor: prof.dr. Franci Steinman

Somentor: doc.dr. Primož Banovec

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Povzetek

Magistrska naloga obravnava presojo vodnogospodarske urejenosti povodja, ki jo praktično prikaže s problematiko na porečju Pesnice. Pomen presoje se pri tovrstni obdelavi uporabi za načrtovanje, spremljanje območij s pesniškim režimom in presojanje glede upravljanja z vodnogospodarsko infrastrukturo. Presoja vodnogospodarske urejenosti povodja je pristop, s katerim lahko presojamo doseženo stopnjo posegov glede na dolgoročne cilje v različnih vsebinah. Pri tem so prisotni različni akterji, katerih pristojnosti so glede na zakonodajo in naravne danosti različno razdeljene. Za lažje presojanje o vodnogospodarski problematiki in presoji vplivov na okolje je pomembno, da so podatki za območje, ki ga imamo v obdelavi, zbrani na enem mestu in na enostaven način dosegljivi. Ker bi bila obdelava celotnega območja povodja Pesnice na poglobljenem nivoju, ki ga želimo predstaviti, preveč obširna, je celotno povodje obdelano na splošnem nivoju in kartografsko prikazano z geografskim informacijskim sistemom. Podrobneje pa so obdelana tri območja, kjer se vodna infrastruktura prepleta tudi z drugo infrastrukturo na vodah oz. z objekti v posebni rabi.

Celotno povodje Pesnice je obdelano predvsem z vidika stanja voda in vodnega okolja, kjer je razvidna meja vodnega območja z administrativno ureditvijo (meje občin), iz poglavja hidrografskih, hidroloških in hidravličnih lastnosti območja pa so v grafični del vnešene meje poplavnih območij. Glede na trenutno stanje evidentiranja so točkovno vnešeni tudi vodnogospodarski objekti. V poglavju Pregled zaščiteneh, varovanih ali varstvenih območij je v grafičnem delu kot podatkovni sloj prikazana tudi Natura 2000. Sloj urejenih in neurejenih odsekov prikazuje različne stopnje urejanja vodotokov, od naravnih do grajenih odsekov. Prikazani način je učinkovit pristop k izvajanju presoj na povodju Pesnice, uporabil pa se bo lahko tudi na ostalih povodjih in porečjih.

Ključne besede: presoja, vodno gospodarstvo, povodje, porečje, pristojnosti upravljanja

Abstract

The following master thesis deals with the issue of the river basin management and focuses on the water management problems in the case of Pesnica River basin. Results and findings of the thesis will be used for the purpose of better judgment of the water management infrastructure of the Pesnica River basin. The study of water management enables the analysis of the extent and success of interventions and accordance with the long term aims, from different aspects. However, many different factors have to be taken into consideration in the study of a water management infrastructure. Their competence differs according to the legislation and natural circumstances. For better and more accurate analysis of water management problems and their influences on the environment, it is essential that the data for the study area are assembled in one place and made available for examination. Since the comprehensive study of the Pesnica River basin would be too extensive, this analysis is dealt in more general level, demonstrated using the Geographic information system (GIS). However, the more comprehensive study involves three areas, where water infrastructure is incorporated within other forms of infrastructure on the water and object of special use. The entire Pesnica River basin is considered mainly from the standpoint of water situation and water environment. Therefore, the borders between water regions and administrative regulations (municipal borders) are presented. However, in the chapter »Hydrographical, hydrological and hydraulic characteristic of the study area«, inundation lines are included in the maps. The maps also include up-to-date data on the water objects. What is more, the graphic part of the chapter »Overview of protected and guarded areas« includes »Natura 2000« layer. All in all, the main aim and purpose of the thesis is to present effective approach to water management of Pesnica River basin that can also be applied to other river basins.

Key words: Assessment, water management, river basin, competence of administering