

# URBAN ENVIRONMENTAL ISSUES IN THE LIGHT OF STUDENT'S DISSERTATIONS

BAKOS, Béláné

Szolnok University College, Department of Rural and Landscape Management

## SUMMARY

Our students analyse the environmental problems and tasks of various settlements of the country while they are doing their theses by using the environmental programme of the given settlement, which is a document on local environmental strategies. They describe the given settlement and its surroundings and they also mention the factors of danger. The students analyse the local environmental and land use problems in the reflection of the possibilities to moderate and solve them and they define environmental objectives and ways of development, e.g. habitat reconstruction, easing of land wounds, forming modern waste management systems, building out sewerage systems. It can be stated that when the theses explore the environmental problems of a settlement, the solutions are connected to the conservation of natural resources.

**Keywords:** environmental problems, local environmental, ecological system, students analyse.

Our students have been analysing the environmental protection tasks and problems of different settlements of the country in their thesis, using the environmental protection programs of the given settlement, which is the concept document of the environmental protection strategy of the rural area.

According to the general regulations of Environment Protection Act of 1995 Law LIII § 46 do the self-governments prepare their environmental programs in concordance with the National Environment Program and local settlement plan approved by the MPs order in the interest of the environment protection.

The self-government of the settlement inspects the completion of the tasks, the assurance of the conditions of execution stipulated in the settlement environmental protection program, follows the solution of the exercises stated in those, and reviews the program if need be at least every two years.

The environmental protection exercises of the town are primarily determined by the governmental law and laws concerning the environmental protection.

**The students have been studying the most important rules towards the literature work of their dissertations.**

- General rules of Environmental Protection Act of 1995 Law LIII
- Water Management Act of 1995 Law LVII

- Region Development and Region Planning Act of 1996 Law XXI
- Nature Protection Act of 1996 Law LIII
- Forest and Forest Protection Act of 1996 Law LIV
- Formation and Protection of Constructed Environment Act of 1997 Law LXXVIII
- Waste Management Act of 2000 Law XLIII

They characterize the given settlement and environment and later touch upon the endangering factors. The students try to analyse the local environmental problems in the light of the possibilities of solutions and the reduction of these, according to the materials and methods of their preference.

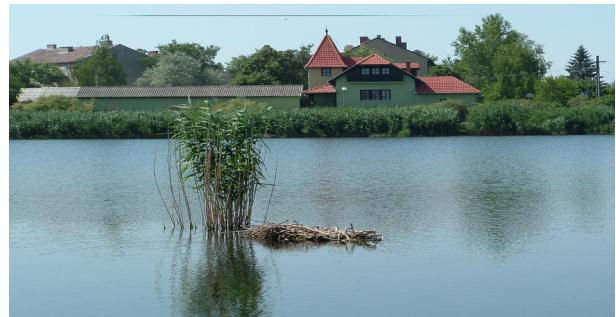
**Here are some problems occurring most frequently in the settlements:**

## Natural environmental objectives

1. Preservation, development of landscape values
2. Reconstruction of habitat
3. Development of natural areas
4. Improvement of nature preserving strategy
5. Conditioning of town parks, green surfaces
6. Stoppage of landscape wounds – re-cultivation of mine ditches



**Figure 1:** The abandoned area after mining, Mezőtúr



**Figure 2:** Re-cultivated mine lake, Mezőtúr  
Fotó: Perge T. (2007)



**Figure 3:** Organised, neat area in Kossuth tér, Karcag

### **Environmental protection development objectives**

1. Continuation of sewers, renewal of sewage system, improving sewage cleaning
2. Improving and modernising the sewage system leading rain water away
3. Enhancing the security of water need supply, the protection of water base
4. Formation of modern waste management system
5. Road development, modernising the routes
6. Reduction of transport noise burden
7. Improvement of local air quality
8. Soil protection
9. Reduction of local problems of industrial environment burden
10. Improvement of public sanitation



forrás : Perge T. (2007).

**Figure 4:** Area for selective waste collection

### Some parts from a questionnaire survey

(Zsuzsa Gorzás land management engineer 2007)

Do you use the selective waste collection containers?  
(Kunhegyes)

### Explanation of signs:

1. Yes, I do.
2. No, I do not.
3. Yes, but the containers are far from my home.
4. I do not know what a selective waste container is.



**Figure 5** Do you use the selective waste collection containers?

### Constructed environmental protection objectives

Preservation of monument values

3. Coordination of amusement, cultural programs and relaxation needs
4. Enforcement of the regulations for environmental protection

### Environmental protection regulation objectives

1. Coordinated, continuous regulation of local environmental conditions
2. Suitability of town development plans for environmental protection

### Environmental consciousness objectives

1. Recognition and introduction of data relating to environmental and sanitary conditions
2. Introduction of local values

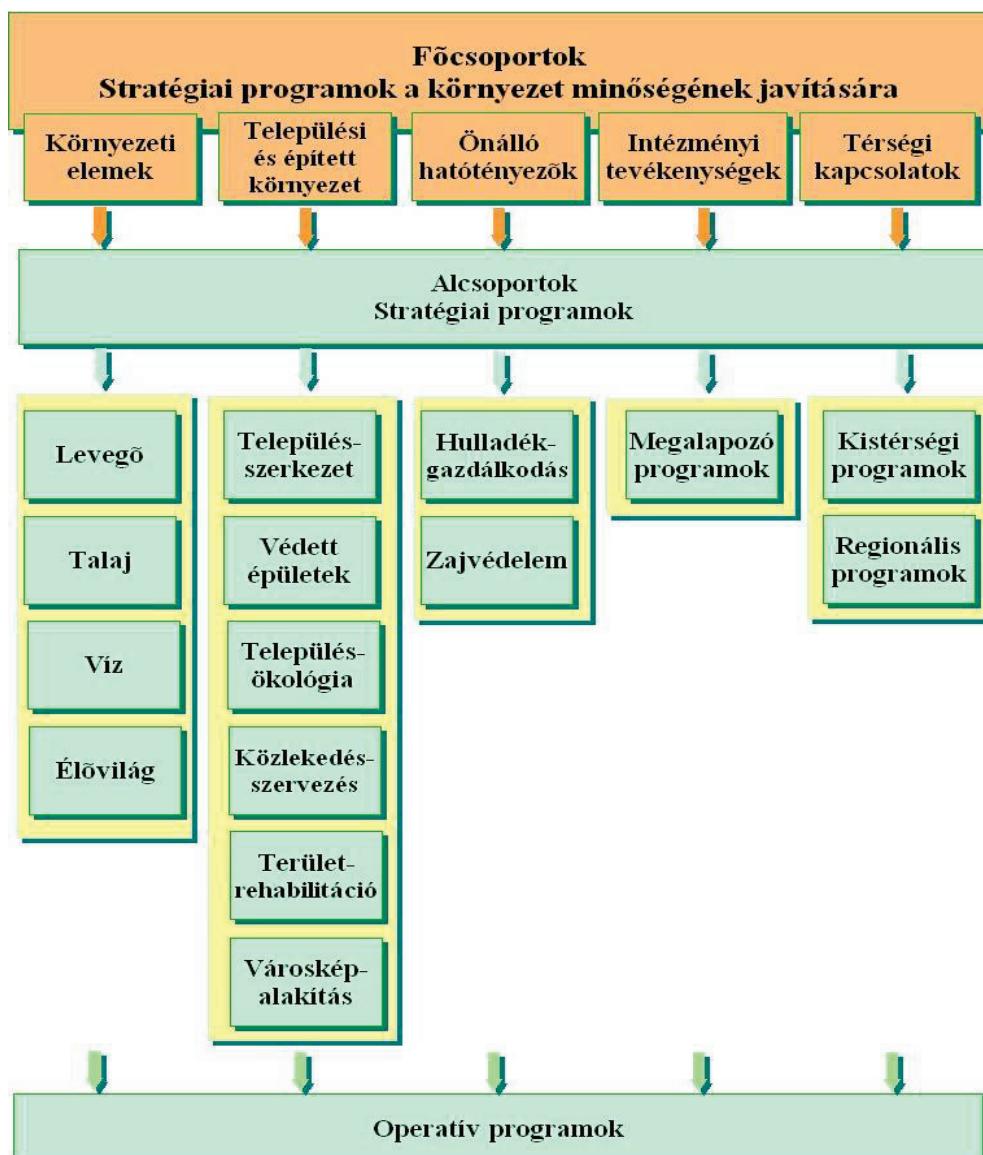


Forrás: Perge T. (2007)

**Figure 6** The past still living in the present, the monument place of identity consciousness of Cumanian (Karcag)

The realisation of the objective system was planned with the execution of operative program elements. The

following diagram shows the relation of the objectives and operative programs.



Forrás: [http://www.zalaegerszeg.hu/zeg-portal/document/6/8/0/2/doc\\_url/kornyved\\_prg.doc](http://www.zalaegerszeg.hu/zeg-portal/document/6/8/0/2/doc_url/kornyved_prg.doc)



© Zentai László, 2006

#### **Environmental protection problems of settlements reflected in the dissertations**

1. Bodnár Sándor (2007): Sarkad város hulladéküzemelési rendszere és gyakorlata
2. Bodorné Varga Anikó (2007): Békés város hulladéküzemelési terv megvalósulásának nyomon követése
3. Gorzás Zsuzsanna: Kunhegyes önkormányzatának környezetvédelmi problémái és feladatai
4. Gregus Brigitta (2004): Bátonyterenye város környezetvédelmi problémái, feladatai
5. Hernádi János (2007): A turizmus környezeti hatása Sárospatakban és környékén
6. Kleinné Nagy Magdolna (2007): Törökszentmiklós szilárd kommunális hulladéküzemelés

7. Kustár Péter (2007): Berekfürdő község bezárt hulladéklerakó rekultivációs lehetőségei, különös tekintettel az üveghulladékokra
8. Nagy Margit (2005): A Solti-síkság kavicsbányáinak rekultivációja
9. Perge Tibor (2007): Karcag város környezetvédelmi problémái
10. Petrezselyem Gábor (2006): Abonyi bányatavak bányászat utáni állapota
11. Szvetics Andrea (2004): Települési szilárd hulladékok lebomló szerves fázisának háztartási komposztálása és a komposzt vizsgálata
12. Zomborka Brigitta (2005): Környezetvédelmi program Budapest külső és belső kerületeiben.