

## **ABSTRACTS**

### **NETWORKING LIMITATIONS: MODELING ORGANIZATIONAL NICHEs IN THE BLAU-SPACE**

**Gábor PÉLI**

The paper studies organizational niches and also network niches around nodes embedded to the n-dimensional social space (Blau-space). Dimension change, a shift in the number of descriptors of the social domain, influences niches in many ways. It alters the optimal niche size. It affects the chances of niche overlap, and so, competition intensity. Dimension change can also open new, unoccupied spots in spaces already 'tightly packed' with niches, thus facilitating organizational entry or the establishment of additional network nodes.

### **GAME THEORY EXPLANATION TO THE FAILURE OF ESTABLISHING PUBLIC PROPERTY**

**József MÉSZÁROS**

Nowadays, we often face with the fact in our environment that certain public institutions, services do not really fulfill their tasks intended. Complaints regarding the low quality of public services are to be read in the daily press; we all experience the devastation of our environment. There are several scientific explanations to these phenomena. In this study we aim to provide a quite simple explanation to these phenomena based on the rational choice theory and by using the terms of the game theory. First, we examine the key terms of this topic, then we itemize the problems of public property, and finally by using the terms of the game theory we draw the following conclusion: assuming the members of a community follow their own interest, no public property shall be established, or existing public property shall fall into disrepair.

### **ECOLOGY IN PUBLIC HEALTH**

**László KISS**

After the turn of the 19th-20th century even in Hungary more and more emphasis has been laid on the connection between the natural or built environment and the health situation. Health experts started to deal with the questions of canalization, water-supply, disposal of sewage, etc. Improving the infrastructure became partly a health issue. Between the two world wars significant progress has been made: the state got more concerned and involved that resulted on one hand, in the implementation of professional solutions and on the other hand, appropriate financial resources for such developments.

**THE GARDENER, THE DOCTOR AND THE WINE-COOPER**  
**Konstantin MEDGYESI**

Sociologists, politologist hold an often serious and fierce controversy in the public and in the political press whether there has been a factual transformation of the social structures after 1989-90-es, or merely a replacement of the elite. Some maintain the view that there has been a constitutional regime change, but hardly any replacement of the elite.

In this study we try to provide the reader with some additional information to the polemic on what kind of developments occurred in the eighties and nineties in the political elite of a small town, Makó by using the tools of the report-sociography.

According to the author when examining the aspects of the regime change in a small town, we should not focus on trying to fit the different social situations within the boundaries of a single theory, rather to draw a map of the old and new political elite, nomenclature of small towns, and career path of the members of this elite (based on the research in Makó and researches to be followed in other small towns). For this purpose, the method of report-sociography might be an appropriate tool.