

Abstract

This habilitation thesis represents a synthesis of research, conducted in a working teams, managed after the completion of the PhD thesis. The work includes a series of individual concerns, too, for the development of approaches to decision-making component in relation to other components of the territorial system.

In this paper there are presented only the studies that have been published in magazines and mainstream publications and presented at international conferences, where they received numerous constructive approach.

The habilitation thesis is structurally addressed to three major directions: theoretical approaches, methodological approaches and results.

From the theoretical point of view, it has been mentioned the contribution to development territorial management concept, while the increasing complexity of functional territorial systems requires new approaches to decision-making component. In our studies were analyzed the most important scientific achievements from the international flow of publications.

Special attention was paid to specific management of the metropolitan areas, spaces benefiting from spectacular dynamics, which require appropriate assistance in decision-making to optimize the natural evolution of these emerging areas.

Functional ruptures in the territorial systems and the specificity of the territorial management systems were analyzed in the studies on the impact of restructuring mining on local and regional systems. In this context environmental risk management key was addressed to alleviating territorial disparities.

Emerging territorial systems have a significant share of this work, being presented a broad conceptual area, its own methodology for analysis and numerous case studies. A business profiles specificities of emerging systems were analyzed, emphasizing their functional specificities. A number of economic sectors (tourism) of territorial systems were also analyzed in order to identify emerging functional specificities. Spatial projection of creative economies of these spaces provided answers to questions about functional specificity determinants of emerging territorial systems and solutions for the optimization of territorial functionality.

Management of environmental risks in emerging territorial systems was developed in the highest scientific articles for arguing the need to study these spaces as a functional whole.

Territorial management based on network growth poles was presented in the context of complex analysis of emerging territorial systems, emphasizing the need to identify network growth poles on which to support decision-making mechanism.

In terms of methodology were developed and integrated analysis methodologies in the following areas:

- management of the emergent territorial systems;
- risk management of the emergent territorial systems;
- evaluate creative capacity territorial systems;
- modeling territorial and functional ruptures and management of the affected territorial systems;
- territorial management based on the growth poles theory;
- territorial management of specific isolated habitats;
- territorial management specific to systems affected by aridity.

The results of the research can be summarized as follows:

- build a territorial management model, based on the theory of growth poles;
- modeling entrepreneurial profiles in various types of local and regional territorial systems;
- modeling creative economies role in preserving the sustainability of local and regional economic systems;
- modeling functional specificity of local and regional systems of aridity.
- modeling entrepreneurial profiles of emerging territorial systems;
- modeling adaptive capacity of territorial systems;
- modeling territorial management systems with high specificity.

The results obtained were recognized in mainstream publications next scientometric indicators (Thomson Reuters)

Results found: 17

Sum of the Times Cited: 97

Sum of the Times Cited proceed without self-citations: 334

Citing Articles: 38

Citing Articles proceed without self-citations: 23

Average Citations per Item: 5.65

h-index: 6

In the second part of the paper presented future directions of development in the scientific and didactic:

In the scientific research are covered the following areas:

- development theory dynamic context;

Advanced analytical methodologies -development of the territory;

- modeling emerging processes;

- defying territorial management models specific to isolated habitats.

These research topics will be proposed for funding in research projects funded under Horizon 2020. This line of research benefits from an institutional framework, called the Center for Analysis and Integrated Territorial Management, established in the Faculty of Geography. Also, the Research Institute of the University of Bucharest am-developed an interdisciplinary working group (Integrated Analysis and Territorial Management), aimed at the management planning.

The present results have led to the introduction in the curriculum of two university courses, one for the territorial planning specialization: The territorial management and planning, and for the tourism specialization: The territorial systems and planning in tourism.