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## **ABOUT SUSTAINABLE DEVELOPMENT OF THE TERRITORIAL EMERGENT STRUCTURES FROM THE METROPOLITAN AREA OF BUCHAREST**

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### **Abstract**

The purpose of this study is to identify certain environmental imbalances triggered by the new emerging structures and to highlight some effects on sustainable development for the metropolitan area of Bucharest. The morphogenesis of these imbalances is based primarily on the restructuring process experienced by the city in the transition process from planned to market economy and secondly, on the result of interaction between it and the new structures appearing due to uncontrolled urban and suburban development. The 15 new emerging structures, individualized for the first time on a uniform methodology, create a constant pressure on the natural environment. This pressure cumulates with the one developed by the city itself, both being evaluated through field research, interviews and through data and information analysis gathered from different institutions and enterprises. All this has emphasized the alteration degree for some natural environmental components along the main access roads, and also between the new emerging structures. Statistical data related to water and air pollution have been provided mainly by the environmental agencies. Information from 30 interviews regarding the decision makers in sustainable urban development have enabled the creation of a pattern for environmental risks in new emerging structures of the metropolitan area of Bucharest. By taking into consideration the regional functions for emerging structures, which are seen as growth poles, this model can be a starting point for a sustainable development approach along with a spatial vision on polycentrism.

*Key words:* emergent structures, pollution, sustainable development, territorial management, trans-temporal pollution

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