

## **Abstract**

For obtaining the basic data of the Cadastral Informational System on the level of an administrative territorial unit it is necessary to run the steps and the technical operations of the General Technical Cadastre introduction. For this purpose, were analyzed the technical rules in force, regarding the introduction and execution of General Technical Cadastre and of the Informational Systems by fields activity. From the data of land registers, of General cadastre Informational System, centralized and processed selectively, may result maps and topographic cadastral plans specific to every domain of economic activity. The purposes of these systems consists in providing reliable data about terrains and buildings of all kinds and about their owners or possessors, for evaluate them, for more efficient capitalization, for a fair establishment of taxes etc. For exemplification was chosen the administrative territory of the City of Iasi, pursuing the dynamics of topographic cadastral works of General technical cadastre, for the period between the years 1990 and 2010. So, the cartographic database of the City of Iasi from the year 1989, was modified by establishing the new administrative limits with the neighboring territories, the expand of buildable area, the approval of the regional urban plans, the realization of a new cadastral sectorization, the execution of the field measurements for making new topographical cadastral plans or updating of the old one's. At the same time, based on aero photography, with an aircraft equipped with a digital camera, was obtained the ortophotoplan of the city of Iasi, with a resolution equivalent to the scale 1:500. The update of cadastral data is required for accurate management, from economic and administrative point of view, of the Informational Systems by fields' activity, on the level of each administrative territory. Only by the management of a Cadastral Informational System may be established the real potential of an area, for more efficient administration and exploitation, and could be made the analysis in time of the mode of using the resources, for to be able to talk about sustainable development and environmental protection.

**Key words:** administrative territorial unit, general technical cadastre, cadastral sector, cadastral plot