How to Build An Ideal Property Information System

Emin Bank (Turkey)

SUMMARY

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Each country has a Property Management System operated in accordance with its own legislation. Some countries may be applying this with classical systems and some with modern methods. The management systems in which information technologies are used are often called "Information Systems". In this article, "Property Information System" refers to the Property System used by Information Technology.

The Property Information System has a crucial place in both the spatial data infrastructure and e-government applications of an country. The Property Information System both automates the institution responsible for ownership and meets the need for external access to databases. On the other hand, the Property Information System is one of the most basic e-government applications that provide direct service to the citizen. In this respect, the importance is increasing even more.

It is possible to collect the most important components of the Property Information System in three main groups. The first is the software component that acts as the intermediary for the title deed and the cadastral works and transactions in the computer environment. The second is the title deed and the cadastre data update and the archive component. The third is the component of sharing the data with the external institutions.

With this presentation, it will be discussed how to establish an ideal Property Information System considering the experience of Land Registry and Cadastral Information System in Turkey and pilot applications of Land Registry and Cadastral Management Information System in Azerbaijan.

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