

Joint Information System (JIS) as Unique Land Register and Cadastral Information Systems

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Extended Abstract

In 2015 cadastral office in Varaždin started production of Joint information system (JIS) land register and cadastral information systems as integrated spatial information system. Land cadastre is in jurisdiction of State Geodetic Administration (SGA). Land register is ownership database in jurisdiction of Ministry of justice (MJ). This unique system is an Internet application that includes all business procedures that covers land cadastre (SGA) and ownership (MJ) procedures including cartographic part of the system web GUI (Graphical User Interface) for maintaining cadastral maps.

There are presented some initial experiences of using the JIS geographic information system for land cadastre and ownership register. Joint information system (JIS) includes: file management system for acquiring files, surveyor's projects controlling and registration in book-keeping part of land cadaster and cadastral map maintenance and ownership record maintenance. Formal control of surveyor's projects includes: book-keeping part of land cadaster and ownership record maintenance, cadastral map maintained control. In Republic of Croatia the land cadaster and ownership registration projects do licensed surveyors.

JIS (Joint information system) is big step in maintaining land management registration. SGA implements JIS county by county since several years ago. Web-based Geographic information system (GIS) for cadastral map maintaining has not final functionality. Tools for big land management registration transactions in JIS are missing. Users of standard CAD (computer aided design) based maintaining tools for cadastral maps are mostly disappointed using JIS because this web GUI has lack of full CAD functionality. JIS is not CAD, but it should spread its cadastral map maintaining functionality for the missing part for big land management registration transactions.

References

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