A Guideline for Establishing Digital Cadastral Information of National Land

Jung-young Jung and Hyun-jung Ha (Republic of Korea)

SUMMARY

Even though, national land is the most important resource of the country, it has been short of managing cadastral records and cadastral research. It makes problem such as land occupation without permission or using ground illegally. Therefore, disagreement between present using condition of land and land category of cadastral record reduces confidence for statistics. The reason is that changing the land category to right thing is not requirement as establishing social overhead capital (SOC), so most of cadastral arrangements are applied not by numerical method but graphical method. The purpose of this study is managing parcels effectively and makes cadastral statistics objective analysis. Because the last goal of The cadastral resurvey is to construct all of the land to register numerical cadastre, this study will be based of the cadastral resurvey. Finally, established digital information can be element to develop spatial data industry even low cost. In this paper, after suggestion for way of arranging cadastral categories and merging to reduce small parcels, establishing the system of researching digital information of national land will be discussed. In the last, when the method is combined with The cadastral resurvey, how to create range of national land zoning and solve the problems of adjacent land parcels as technical method are analyzed.

Paper 7183   1
Jung-young Jung and Hyun-jung Ha (Republic of Korea)
A Guideline for Establishing Digital Cadastral Information of National Land

FIG Congress 2014
Engaging the Challenges – Enhancing the Relevance
Kuala Lumpur, Malaysia 16-21 June 2014