

# **THE STATUS REPORT OF REFORMING THE CADASTRE IN JAPAN**

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**Key words:** Cadastre, National Land Survey, Ten-Year National Land Survey Plan.

## **ABSTRACT**

The first cadastre surveying in meaning of the present age in Japan was started in 1873. However, the results are not based on the national geodetic control point network, and accuracy of the dimension and border is not enough, too. The National Land Survey Law was enforced in 1951, and reform of cadastre was started. The Ministry of Land, Infrastructure and Transport (MLIT) has jurisdiction over the reform of cadastre.

Then Act on Special Measures for Promotion of the National Land Survey was enforced in 1962, and the national land survey became what was promoted by the Ten-Year National Land Survey Plan. Progress rate until March 2000 is 43%. The fifth Ten-Year National Land Survey Plan was decided in a cabinet meeting in May 2000, and the national land survey entered a new stage. The introduction of a private expert to boundary investigation and the practical use of result of private surveying are planned as a promotion policy.

In particular in late years data of boundary of lot is positioned in the national spatial data infrastructure, and it is expected that importance will increase as a constituent of IT. On this account the MLIT does preparations to revise the standard format of numerical cadastre data. In addition, the MLIT does preparations to cope with a revision of the geodetic datum and carries out an examination to introduce RTK-GPS into cadastre surveying.

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## **BIOGRAPHICAL NOTE**

The author's, **Shoichi Oki**'s academic background is geophysics especially analysis of plasma waves in space by Very Long Baseline Interferometry (VLBI) survey. He joined after graduate from the university business by Geographical Survey Institute (GSI). He conducted geodetic survey, topographic mapping and digital mapping. During 1991 to 1993 he was transferred temporarily to the National Land Agency as a chief of National Land Information Office. During 1996 to 1997 he stayed in Germany as a guest scientist of Technical University Munich to research digital photogrammetry. During 1997 to 1998 he worked to establish International VLBI Service as the VLBI group leader of GSI. He participated in basic survey planning and system reforming of survey as a member of strategic planning team of GSI. In 2000 he was prompted to the Deputy Director for cadastral survey of the National Land Agency. He has shift to Ministry of Land, Infrastructure and Transport after reconstruction of government system of Japan.