

THE LAND INFORMATION MANAGEMENT SYSTEM (LIMS) – A MODERN NATIONAL CADASTRE-BASED TOOL FOR LAND DELIVERY AND DEVELOPMENT IN ZAMBIA

Raynold M. MOYO, Tony L. MWANALUSHI and Bwalya CHUBA, Zambia

Key words:

ABSTRACT

The Ministry of Lands has been developing the Land Information Management System from 1986 at which time the management of land records was converted from analogue to digital format. The system is cadastre based and provides computerized tools for cadastral property formation and maintenance, land administration and registration and related financial land transactions. LIMS has just migrated hardware and software platforms and has been enhanced with the provision of more applications relating to land information management. This paper presents the development and application of the Land Information Management System at the Ministry of Lands in Zambia providing lessons learnt and its prospects for the future.

BIOGRAPHICAL NOTES

Raynold Moyo is Assistant Surveyor-General. He heads the Mapping Services Branch of ZSD - responsible for national mapping development and production in Zambia. He has 16 years work experience as a professional Land Surveyor undertaking technical and managerial assignments. He has focussed on national mapping for topographic and thematic applications; project mapping in support of applications in utility facilities management, natural resource management, physical and infrastructural planning. He is currently active with the development of national digital spatial data infrastructure.

He is a Registered and Licensed Land Surveyor and holds a Bachelor of Engineering Degree in Land Surveying and a Post Graduate Diploma in Photogrammetry and Remote Sensing.

Tony Mwanalushi is Assistant Surveyor-General. He heads the Cadastral Services Branch of ZSD - responsible for Cadastral development and production in Zambia. He has a 20 year professional working experience at Zambia Survey Department. His interests are focused on cadastral systems development for quicker, simpler and more efficient survey field operations and office automation.

Tony is a registered and licensed Land Surveyor. He holds Bachelor of Science Degree in Surveying and Mapping and a Post Graduate Diploma in Surveying.

TS19.3 Raynold M. Moyo, Tony L. Mwanalushi and Bwalya Chuba: The Land Information Management System (LIMS) – A modern National Cadastre-based Tool for Land Delivery and Development in Zambia 1

Bwalya Chuba is Senior Land Surveyor and Head of Photogrammetry at the Zambia Survey Department. Bwalya specializes in mapping development and production - employing analogue and digital techniques for the delivery of diverse mapping products. He is actively designing digital production systems.

He has taken part in various GIS and LIS projects undertaken by the Zambia Survey Department. He is currently actively developing standards for national digital spatial databases.

He holds a Bachelor of Engineering in Land Surveying and a Professional Masters in Geoinformatics.

CONTACT

Raymold M Moyo, Acting Surveyor-General and
Tony Mwanalushi, Assistant Surveyor-General
Bwalya Chuba, Senior Land Surveyor
Zambia Survey Department
Ministry of Lands
ZAMBIA
Email: chuba@zasurvey.org.zm