Advancing Land Administration System - Implications of Recent International Trends

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SUMMARY

Land is the ultimate resource that needs to be managed in sustainable and efficient ways. Land Administration System is a fundamental component in any country's social, economic, and environmental aspects. By documenting and securing the humankind to the land relationship, and improving land records, the Land Administration System (LAS) provides social justice, stability, and resilience. LASs are also extremely important for disaster management, improving resilience, and meeting Sustainable Development Goals-(SDGs). However, the right systems must be designed in order to be successfully implemented. Our societies today face many challenges like population growth, disaster occurrences, and scarcity of land resources. Therefore, the significant role that land administration and land records play in every society, and considering global trends in sustainability and community resilience, current land administration systems may not always be efficient and adequate enough to overcome the societal challenges and their requirements. Therefore, the land administration systems are needed to be reassessed and redesigned if needed. This will ensure a reliable, and advanced system that delivers comprehensive and authoritative geospatial data, as well as land tenure, land valuation, land use, and land development information. Such a reassessment is becoming more urgent as the national and international authorities and land professional communities have put significant efforts into improving the practices in land administration, by introducing several new global frameworks and models, such as SDGs, the Integrated Geospatial Information Framework (IGIF), the Global Land Indicators Initiative (GLII), the Fit For Purpose (FFP) Land Administration System, the Doing Business Report of the World Bank, and the New Urban Agenda (NUA), which are all directly or indirectly affecting Land Administration Systems. In addition, the advancement of technology in the modernisation of Land Administration Systems and data collections are additionally offering new capabilities that can improve current approaches and practices. The aim of this paper is to discuss the advancement of land administration models by developing an approach to be aligned with the current trends and the implications of new

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technology on land and to support sustainability and community resilience. The paper proposes a set of indicators that helps reassessment and reform of the Land Administration Systems. The selection of indicators is also a key step to reassess and reform the Land Administration System. In this ongoing research, the selection of indicators is performed during the process that the weighted values and criteria are provided by the land administration expert team.