

# **Linking the Land Information Systems in the Philippines Using the LADM as a Global Schema**

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## **SUMMARY**

The Philippines has multiple land registration agencies which have their own separate and isolated land administration systems. This result in the duplication of software development and redundant and sometimes conflicting data. These undermine the security of tenure as well as inconvenience the citizens and other users of said data. Connecting these systems would therefore enable better coordination between the agencies and offer significant savings in manpower and resources. In this paper, an approach for integration of the existing legacy systems using the LADM as a global schema is proposed. The LADM is extended to accommodate the existing Philippine land administration systems data models. The resulting data model is a minimal country profile that accommodates the existing databases and should serve as a contribution in the development of the full LADM country profile for the Republic of the Philippines.