

# **A Research Agenda on Geoinformation Sciences Towards Responsible Land Administration in Colombia**

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## **SUMMARY**

After Peace Agreement 2016 new challenges in Land Administration and Land Tenure take relevance in Colombia. The objective of this document consists in providing new perspectives around land tenure and geoinformation in the context of the Bogotá region taking into account urban, peri-urban and rural areas. To reach this goal, three main activities were developed: a SWOT analysis, a workshop on the research subject dealt with, and a literature review about the topics studied by the group of researchers. As a result, we found the internal and external relationships between Universidad Distrital, different actors, and trends in geoinformation science and land administration. To achieve in the mid-term, an efficient and reliable Land Administration System that allows the articulation of the different entities responsible for the different parts of the process, it is necessary to have an infrastructure for the implementation of multipurpose cadastre, tertiary roads, irrigation, electricity and connectivity, areas of interest for conservation, among others, which in Colombia are fundamental elements of the peace agreement for the comprehensive rural reform. In this way, it is necessary to provide the country with knowledge and information that integrate technical concepts, geospatial technologies, and data sources.

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