

# **Resilience in human-land relationships in the face of powerful resource, climate, and social change**

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## **SUMMARY**

As greater demands are made of professionals, the need goes beyond regulating the formal technical qualifications to ensuring that the professional surveyor also is aware of and incorporates ideas of ethics, gender, diversity, and inclusion into their everyday practice. Professionals should also apply ideas of climate, and sustainability, amongst others, and should maintain continuous professional development. Beyond strict state mandated and regulated licensing procedures for cadastral surveying, as obtains in most Commonwealth and other countries, other branches of surveying have not had to meet rigid regulation. International documented procedures for surveying, such as the International Land Measurement Standard (ILMS) have also largely been suggested and not mandatory, as they are administered by professional associations, where membership is usually voluntary. □ This paper tracks the work of the Trinidad and Tobago Land Survey Board, which is a state administered board, as it tries to regulate, not only the cadastral surveying that it has regulated for 100 years, but also to regulate other areas of surveying. The advisability and the efficacy of this is questioned and evaluated as there has been conflict and opposition to the broadening of the Board's mandate. The resources required to properly administer and monitor not only cadastral surveying but also engineering surveying, hydrographic surveying and other proposed land surveying areas such as cartography, photogrammetry, and GIS are examined. Also assessed was the several court challenges to the role of the Board, which have supported the profound authority and role of the Board. □ As a result of the research it was found that the evolution of the roles of land surveyors and their fundamental impact on development in a country, requires continuous regulation and monitoring. To do so, therefore requires seriousness of purpose and acceptance by the members of the profession to see improved performance of the members. The significance of this work is to support the continued elevation of standards of practice for professional land surveyors as they navigate a rapidly changing world where professional work becomes multidisciplinary and no longer narrowly focused on the technical. □

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