

Disruption and Cadastre Success in Developing Economies

Brent Jones (USA) and Linda Foster

Key words: Cadastre; Digital cadastre; GNSS/GPS; Informal settlements; Land management; Property taxes; Valuation

SUMMARY

Professional surveyors have been the foundation of secure land systems - primarily in well-developed countries. Exporting traditional surveying laws, regulations, tools, and techniques have failed in many underdeveloped countries. Functioning land systems are required by evolving global commerce demands such as deforestation reporting, civil rights, carbon accounting, and long-term agriculture contracts. With measurement, mapping and GIS technology rapidly advancing, the situation is ripe for disruption. This presentation will discuss the elements of disruption, a little technology, and a successful new approach to land administration.

Disruption and Cadastre Success in Developing Economies (13542)
Brent Jones (USA) and Linda Foster

FIG Working Week 2025
Collaboration, Innovation and Resilience: Championing a Digital Generation
Brisbane, Australia, 6–10 April 2025