

Public value perspective on cadastral systems

Karolina Itäinen, Pauliina Krigsholm and Kirsikka Riekkinen (Finland)

Key words: Cadastre; Land management

SUMMARY

Cadastral systems are widely accepted to provide value for society; however, little research has been done on how exactly the systems create value. Understanding how cadastral systems create value would benefit the systems by enabling development of the systems that improves the system and does not inadvertently decrease the potential for value creation. For example, a deeper understanding of what kind of cadastral data is of most value to the users, and how the data is utilized, is needed to purposefully improve the systems.

We suggest that such understanding could be achieved by applying the concept of public value creation to cadastral systems, as it includes value beyond simple monetary value. While a common approach in public administration literature, the public value approach has not yet been widely applied to the land administration context. In this paper, we conduct a literature review to explore the extant theories of public value creation and discuss their possible applicability to the field of land administration, and cadastral systems specifically. The results of the literature review indicate potential for public value approach to help improve evaluation of cadastral systems. More research is needed to better understand how cadastral systems and cadastral data create different types of value.

Public value perspective on cadastral systems

(13151)

Karolina Itäinen, Pauliina Krigsholm and Kirsikka Riekkinen (Finland)

FIG Working Week 2025

Collaboration, Innovation and Resilience: Championing a Digital Generation

Brisbane, Australia, 6–10 April 2025