

LADM implementations and developments by Esri (Industry presentation)

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SUMMARY

Operationalizing Modern Land Administration with GIS, Leveraging Global Standards and Best Practices. The land administration profession has contributed vast amounts of information, standards, approaches and more to the global body of knowledge. This includes data model standards include the Land Administration Domain Model (LADM) and Fit-for-Purpose Land administration (FFP). In addition, the United Nations Global Geospatial Information Management (UN-GGIM) Committee of Experts provides directions to improve policy for developing and sharing geospatial information including the Integrated Geospatial Information Framework (IGIF) and Framework for Effective Land Administration (FELA). Putting all of these into practice requires a new geospatial infrastructure that ensures that these best practices are scalable and sustainable while maintaining current security protocols. This interactive presentation will discuss how these approaches from fit-for-purpose to enterprise land administration systems have been operationalized with GIS.

BIOGRAPHICAL NOTES

Kees de Zeeuw is Principal Consultant at Esri Global. Since 2022 he is the Practice Lead on Land Administration at the Geospatial Authorities department of Professional Services. He holds an MSc degree in land and water management (1989). After long term assignments in Rwanda and Bolivia he has been working more than 10 years in environmental and geoinformation sciences at Wageningen University and Research Centre in The Netherlands. At Cadastre, Land Registry and Mapping Agency in The Netherlands (2007 – 2022), he has been for 12 years the director of Kadaster International. His expertise is on Land administration and NSDI. He made contributions to Fit for Purpose, LADM, IGIF and FELA.

Brent Jones is President of Nine Three Enterprises LLC since 2024. Before he did oversee Esri's worldwide strategic planning, business development, and marketing activities for land records, cadastre, surveying, and land administration for more than 19 years. As a recognized innovator, Jones specializes in modernizing existing land administration systems and designing new GIS-based cadastral management systems for small and large governments globally. He is past president of URISA; past president of the Geospatial Information and Technology Association; and a current member of the United Nations Committee of Experts on Global Geospatial Information Management, sitting on the Expert Group on Land Administration and Management.

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