



FIG Working Week 2024

19-24 May

Accra, Ghana

Your World, Our World:
Resilient Environment
and Sustainable
Resource Management
for All

Incorporating Governance, Sustainability, and Land Policy Issues into Land Surveyors Rules of Practice

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19-24 May 2024 in Accra, Ghana

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Revising Professional Cadastral Surveyors Rules

Rules are required to guide cadastral surveyors practice

Revisions are required to keep pace with world views: responsible governance, sustainability, climate change

The motivation should be effectiveness and not necessarily efficiency, precisions, technology,



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GEOSA
General Authority for Surveying
and Geospatial Information





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International Standards to be Adopted in Rules

Voluntary Guidelines on Responsible Governance of Tenure (VGGTs)

International Land Measurement Standards (ILMS)

Land Administration Domain Model (LADM)

Sustainable Development Goals (SDGs),



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VGGTs

States should provide systems
cadastres

→ Rules should focus on achieving comprehensive

Systems should be appropriate
specifications

→ Rules should not require difficult to achieve

Systems should be inclusive

→ Rules should require reporting on inclusion





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ILMS Standards

Purpose of the survey → this can support formalising informal tenure

Date of the survey → also supports formalising occupation

Unique identifier → many descriptions can assist in unique identification

Unit of measurement and conversion factor → this helps to trace error

Signature of person responsible for survey → this also helps to trace error

Academic qualifications of surveyor → this authorises the surveyor

Appendix of metadata → this also assists in tracing errors

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LADM Standards

Area  what precision is necessary to support tenure?

Dimension  what precision is necessary to support tenure?

External address  many descriptions can assist in unique identification

Label  identifier

Reference point  what precision is necessary to support tenure?

Spatial unit identifier  many descriptions can assist in unique identification

Surface relation  this helps to identify conflicting, overlapping rights

Volume  in what circumstances is this necessary

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SDG Standards

SDG 1 – Secure tenure - Number of parcels registered → Reduce time, effort, in rules?

SDG 5 – Gender tenure - Number of females with tenure → Legal implications in rules

SDG 1 – poverty -Number of agricultural parcels → Incorporate rules for including land use

SDG 13 – climate change → include high water mark



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Conclusions

Each rule must be discussed in terms of support for tenure for all

Minimum acceptable standards compared with costs

The land surveyor is not legally authorised to make land rights decisions

The SDGs require gender, use information

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SUSTAINABLE DEVELOPMENT GOALS | International Federation of Surveyors supports the Sustainable Development Goals

Commission #7

Cadastre and Land Management

Serving Society for the Benefit of People and Planet

