



FIG Working Week 2024

19-24 May

Accra, Ghana

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

Presented at the FIG Working Week 2024,
19-24 May 2024 in Accra, Ghana

Global Adoption of the Framework for Effective Land Administration: Synthesis Research

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Research Aim

This synthesis aims to provide a comparative insight into the global application of FELA and underscores common strategies and unique adaptations that can inform future implementations and application of the FELA globally

Important also, this literature review does not claim to be complete. There may be additional relevant studies that were not within the scope of the authors' current research focus

Intention to extend and deepen the analysis in a subsequent journal paper

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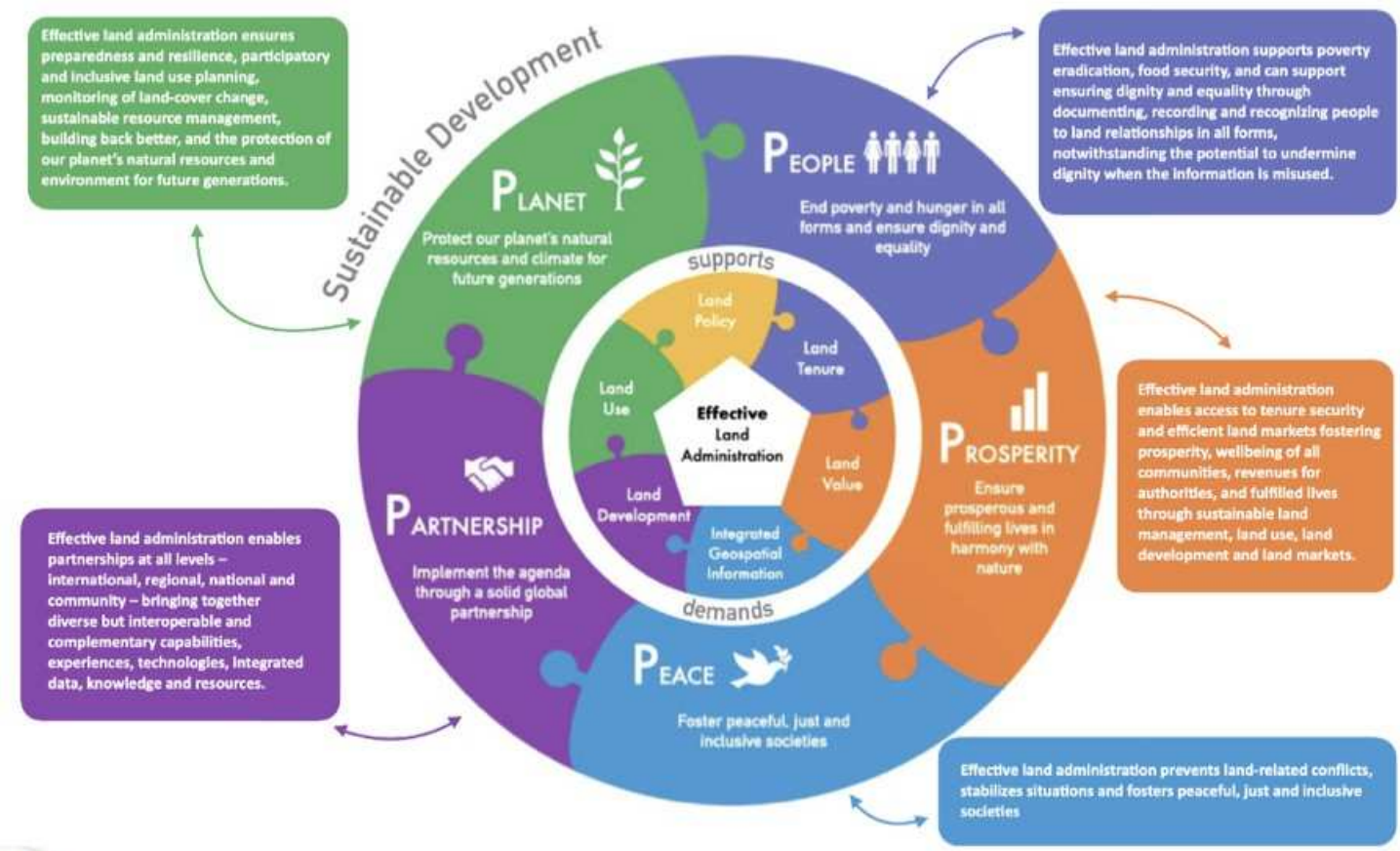


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FELA in relation to the 5Ps, adapted from (UN-GGIM, 2020) by Unger, E.M.

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FELA Application and Research Timeline



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No.	Title	Journal or means of Publication	Key Focus	Methodology/Approach	Findings	Date	Citation
1	Global policy transfer for land administration and disaster risk management	Land Use Policy	Examines global policy transfer for FELA and SFGISD	Case study, Literature review	Identified transfer limitations and enhancement opportunities for the two framework but also for policy transfer approaches	06/2020	(Unger et al., 2020)
2	Exploring PPPs in Support of Fit-for-Purpose Land Administration: A Case Study from Cote d'Ivoire	Land	Examines PPPs to identify financing mechanism for FFPLA approaches guided by the FELA	Case study, Literature review	Innovative partnership approach may create novel avenues for financing	03/2021	(Garcia-Moran et al., 2021)
3	Mexico Legal Framework	10 th UN-GGIM EG LAM Online Meeting	Mexico has used the FELA to update their legal framework	Comparative analysis	FELA was working well in this context and lead to some updates to the legal framework of Mexico	07/2021	
4	Scaling Up UAVs for land administration	Land Use Policy	Integrates UAVs with FELA for LA	Interviews, literature review	Highlights the role of enabling laws and supportive governance	03/2022	(Stöcker et al., 2021)
5	Digital Transformation of Land Administration: Stages, Status and Solutions	FIG Working Week 2022	FELA provided a means for understanding and undertaking digital transformation within land administration system	Interviews, literature review	By applying FELA it was revealed potential solutions to speed up responsibly moving towards fully digital systems	05/2022	(Bennett et al., 2022)
6	GIS in Land Administration Can Help You Implement the FELA and Support the SDGs	FIG Working Week 2022	Discusses various GIS applications/integrations with FELA and SDGs	Conceptual analysis	Outlining GISs role in operationalising FELA and achieving the SDGs	05/2022	(Tourtelotte B., 2022)
7	Digital Transformation and Land Administration	FIG Publication	Explores digital transformations impact during the COVID-19 pandemic	Literature research	Advocates for a holistic approach and FELA pathway incorporation	11/2022	(FAO et al., 2022)
8	Fit-For-Purpose Land Administration and the Framework for Effective Land Administration	Land	Integrates FELA with the Fit-For-Purpose approach	Systematic Review	Synthesised global best practices, highlighted need for further research	12/2022	(Metaferia et al., 2023)

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9	EuroSDR: Advancing FELA – The Framework for effective land administration	EuroSDR	Promote FELA, awareness around FELA and pathway application in Europe	Surveys, interviews	Demonstrate a comprehensive approach to FELA in Europe	02/2023	(EuroSDR; 2023)
10	FELA-based geospatial knowledge infrastructure	FIG Congress 2023	Advocates for a robust GKI to integrate expertise tools and software facilitated by PPPs and international networks	Desktop research	Conceptual application of FELA to guide geospatial knowledge infrastructure development	05/2023	(Tourtelotte et al., 2023)
11	FFFPLA and the FELA in Chad	FIG Congress 2023	Examines challenges faced by Chad's LA, utilises FELA to identify critical issues for future projects	Case study, group discussion	Applying the FELA to identify key aspects to improve land administration in Chad	05/2023	(Unger et al., 2023)
12	Assessing the Status and Challenges of Urban LAS in Pakistan using FELA – a case study in Pakistan	Land	Investigates the effectiveness and issues of urban LASs in Pakistan, utilising the FELA	Surveys, group discussion and desk reviews	Identifies significant dissatisfaction with governance, accountability, and legal frameworks of urban LASs in Pakistan	08/2023	(Ahsan et al. 2023)
13	Exploring Technology integration through FELA in Nigeria	FIG Working Week 2024	Examines the fulfilment of FELA's objectives within Nigeria regarding technology integration	Case Study	Developing a basis for further FELA guided technological improvements in land administration	05/2024	(Ajayi et al., 2024)
14	Land reforms and implementation of the framework for effective land administration: case study in DRC	FIG Working Week 2024	Case study on community land registry implementation in DRC – conflict affected region using the FELA	Systematic Review	Pilot projects successfully enhanced land tenure security; FELA being used to assess the success	05/2024	(Mballo et al., 2024)

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Main Findings

The synthesis examining the Framework for Effective Land Administration (FELA) implementations across various studies, shows similarities and challenges, showcasing both common strategies and unique adaptations tailored to diverse geographical and administrative contexts across the globe.

A consistent theme across the case studies is the adaptation of FELA to meet specific local governance and societal needs. These cases underline a significant push towards modernizing land administration to improve efficiency and accessibility guided by the FELA through integration of innovative technology.

The involvement of various stakeholders, from local communities to international partners and the private sector, plays a crucial role. This is illustrated through diverse initiatives, such as public-private partnerships in Côte d'Ivoire and collaborative efforts between local and federal governments in Mexico, aligning new legislations with FELA's standards. Effective stakeholder collaboration often underpins successful implementations.

The adaptability of legal frameworks and institutional arrangements to incorporate FELA's principles proves crucial for the successful implementation of land reforms.

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