

Globalization of local land data: A sketch of land governance and research challenges

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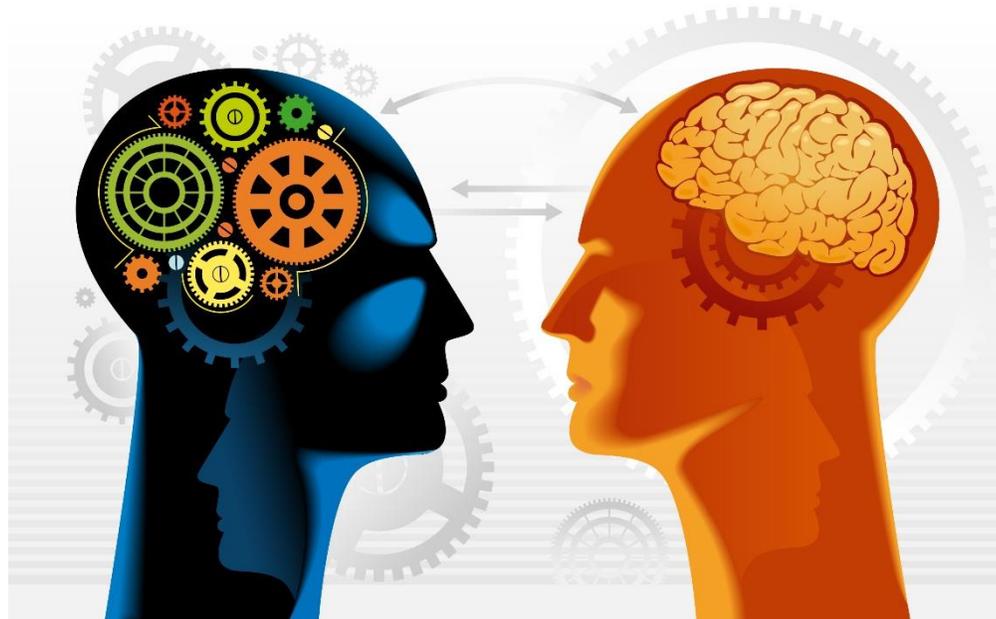
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LANDac Conference June 2018, Utrecht, The Netherlands

Digitalization & datafication

“The ... conference was all about
DATA.”



“Our conference is all
about
PEOPLE.”

[Quote: from recent reflection discussion on World Bank Conference on Land and Poverty 2018]

What data does ... locally

- Inform [whom of what]
- Mobilize [who]
- Legitimize [what/whom]
- Participate [how, who, in what]
- Include/exclude [whom in what]
- ...

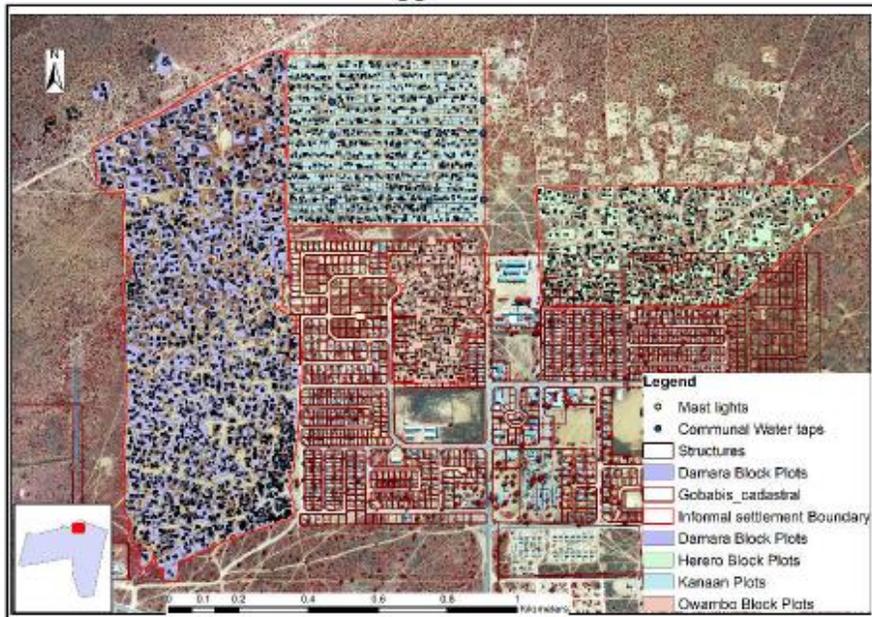
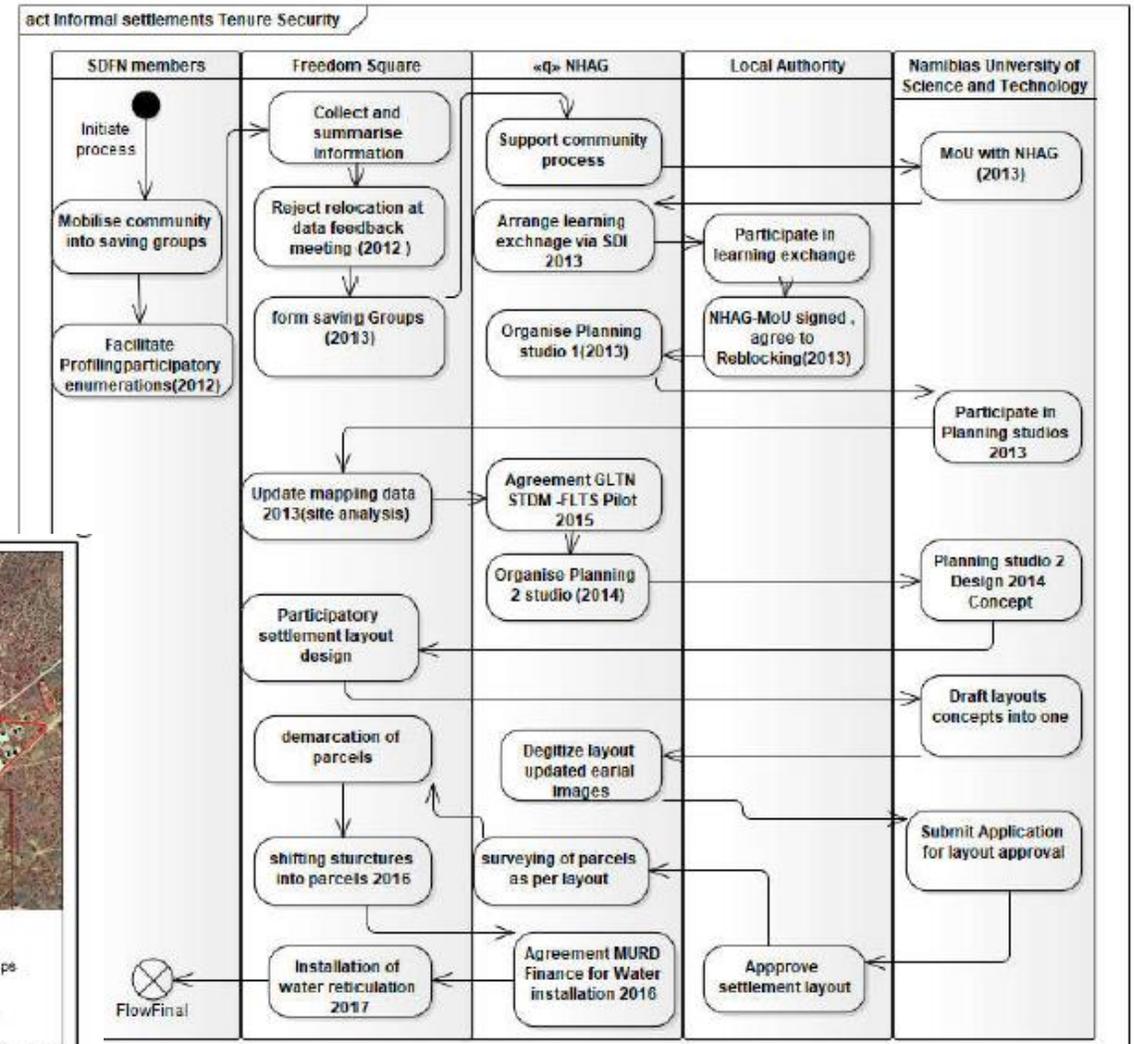


Figure 4:2 Data from 2013 enumerations and mapping



6:19 activities resulting from community enumeration in Freedom Square

What data does ... globally

“Moments of interpretation”

Objections possible?

Problem framings

Policy and funding consequences



<https://www.newamerica.org/international-security/future-property-rights/blog/property-rights-media-barometer-and-narrative-analysis/>

Who creates data, where?

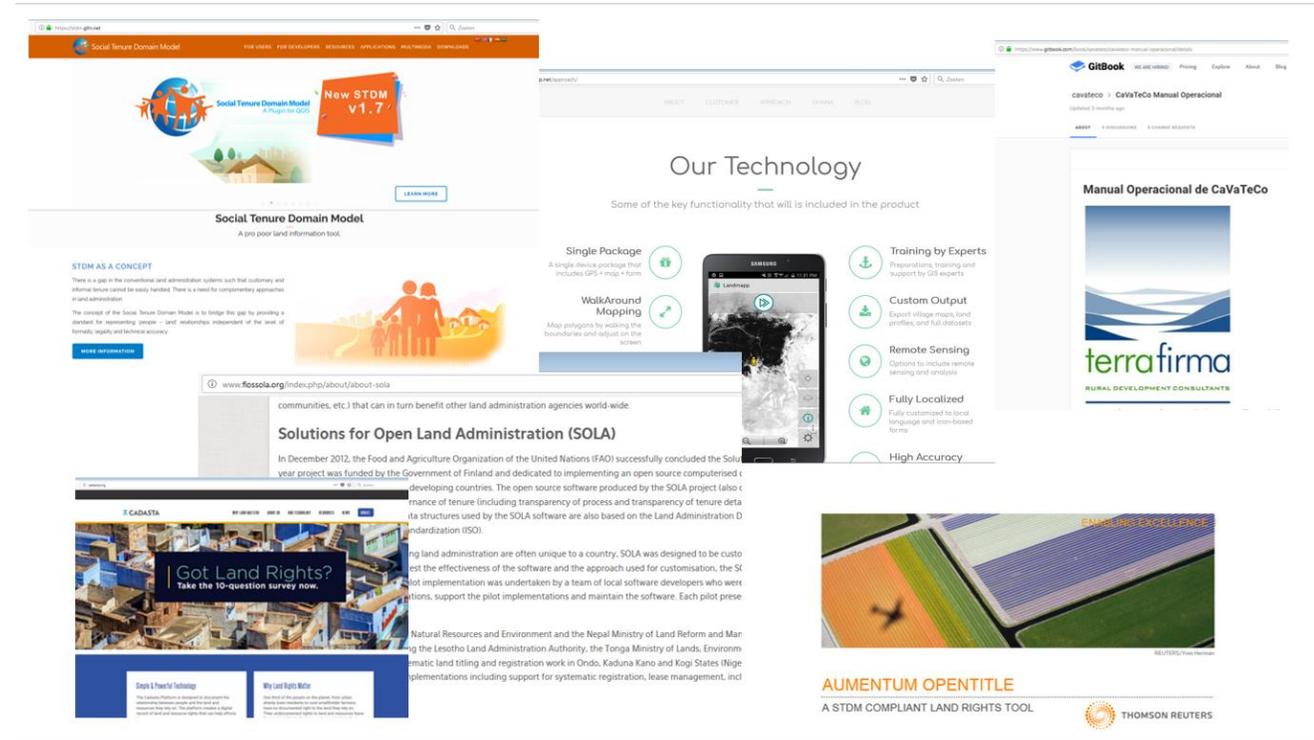
Criteria, choices, assumptions embedded into database structures

Where? Who?

... by humans ?

... by machines ?

... “cyborg classifiers?”



What does global openness mean locally?



Image source:

<https://cliqz.com/en/magazine/techblog-human-web-data-protection-building-web-statistics>

“So when you go in the field you have also to agree and to inform about the terminology e.g. ...

we had a workshop in Guatemala and they asked ‘what’s open, what’s tenure?’ So you also have to tailor your language, terminology so to agree on the meaning of that single word.

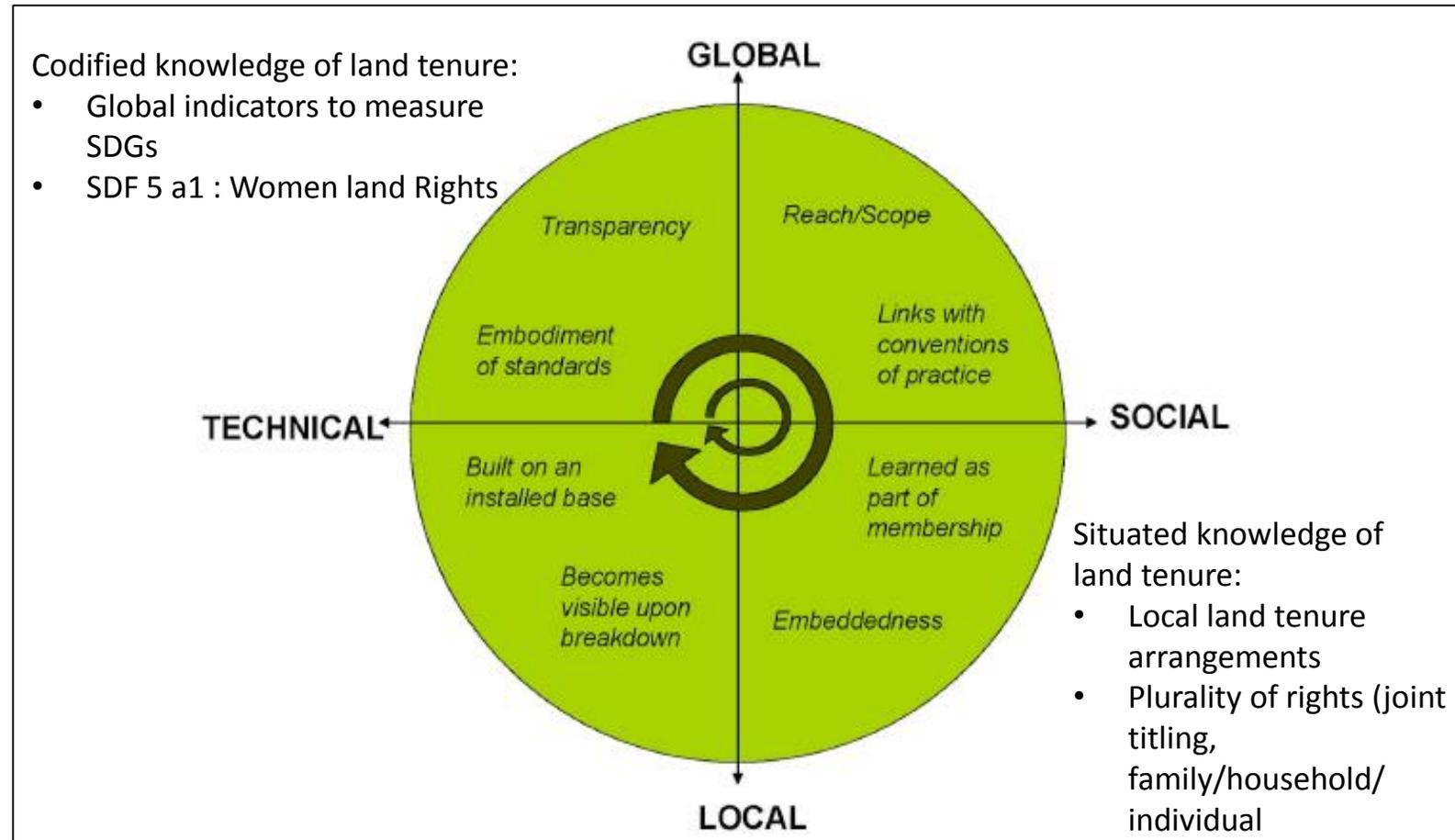
This is important. In fact we are working on this name actually because it is confusing.

The open was intended to because it is an open source system. And it is also open because it is open to the use by communities who are not yet empowered. So in that sense it is open...

But still it can cause ambiguity and confusion. So we were thinking to change that name.”

(19 April 2017 interview with FAO representative).

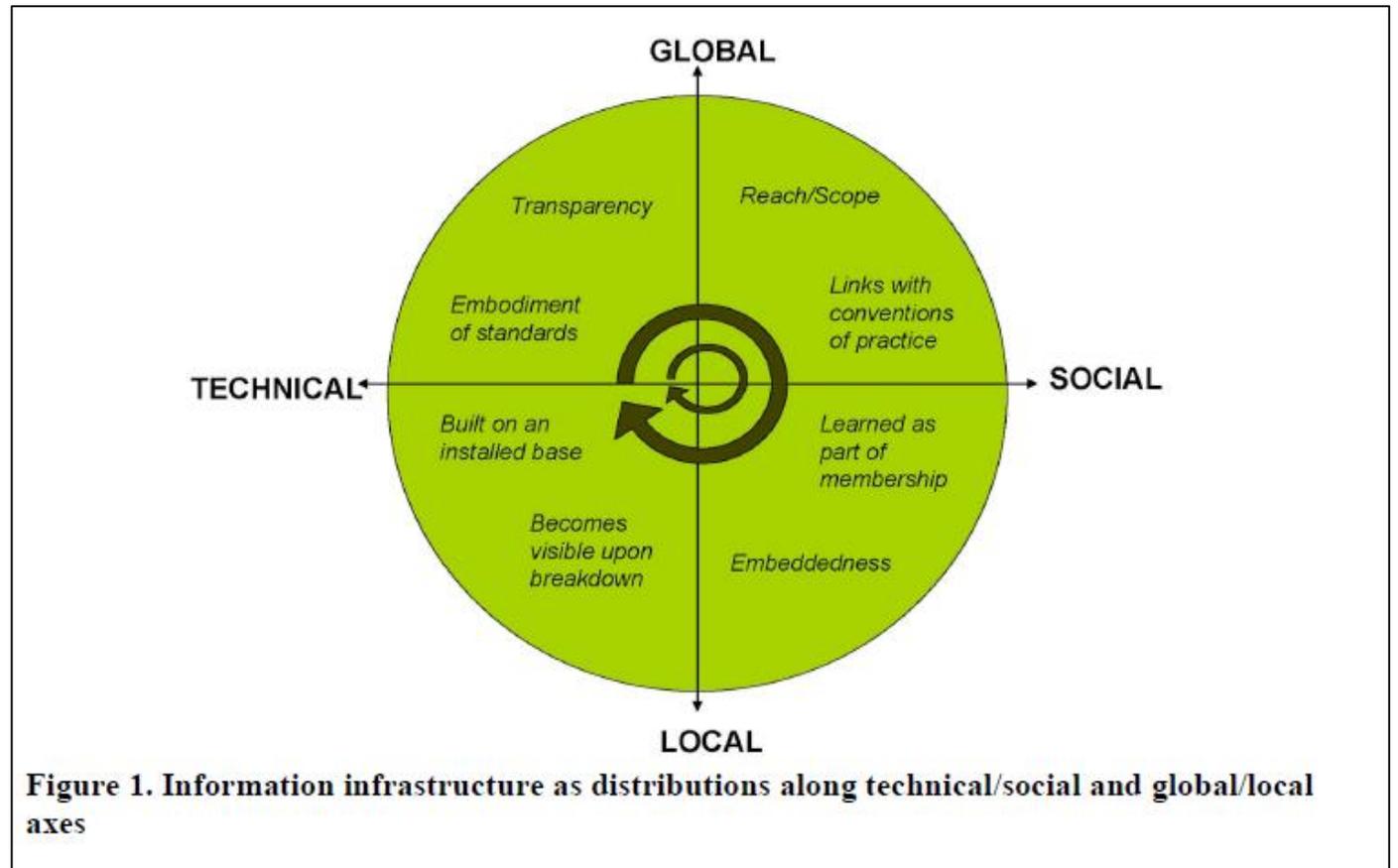
Multi-Scalar Analysis: Example



(Source: Bowker, G. C., K. Baker, F. Millerand, & D. Ribes (2010) - adapted with examples from Land Tenure Data Domain)

Multi-Scalar Analysis

- “Global localities:” where and how classifications of the land-people relationships are made



(Source: Bowker, G. C., K. Baker, F. Millerand, & D. Ribes, 2010)

Land Data Actors at global scale

FAO's [Gender & Land Rights Database](#)

[PRIndex](#) Property Rights Index

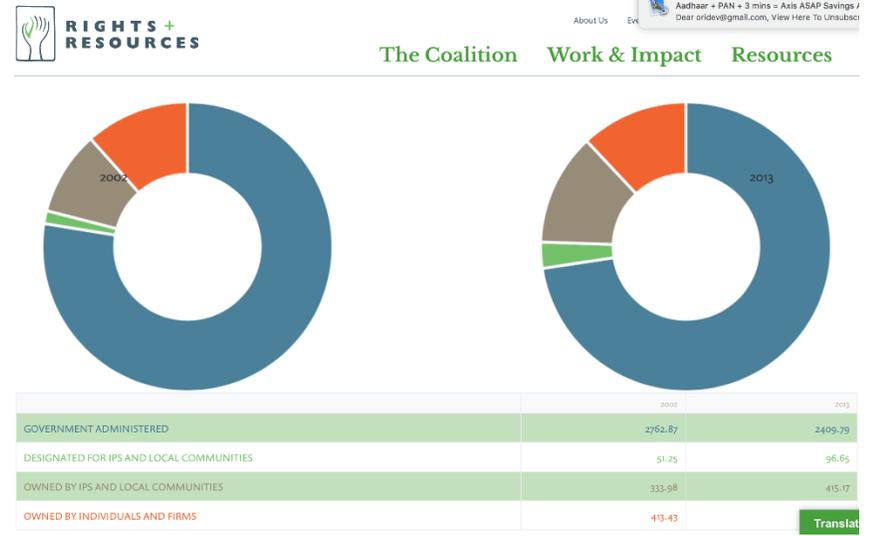
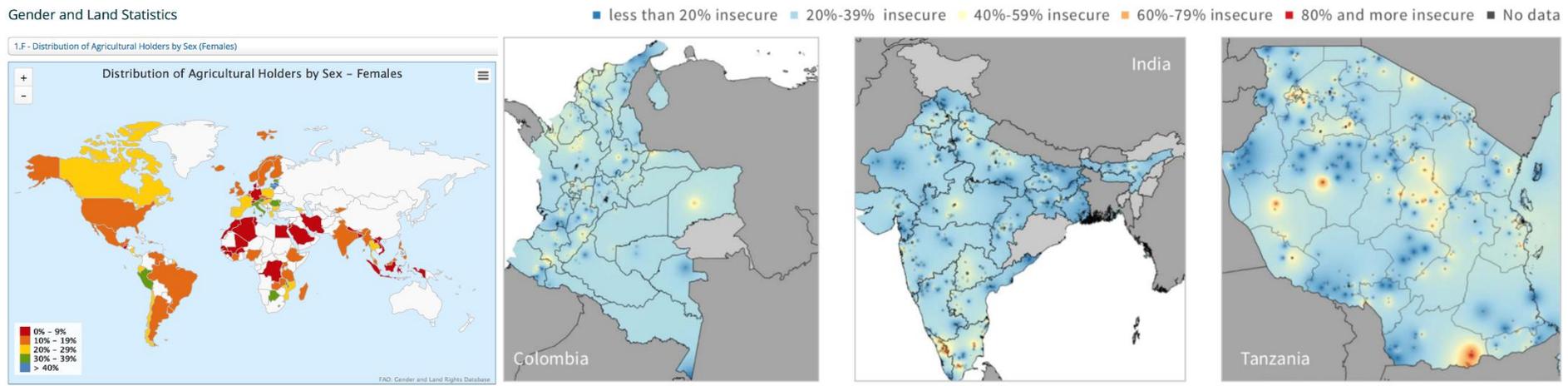
[LandMark](#) Indigenous & Community Land Map

[RRI](#) Tenure Tool

SDG – goals: 5 a1, 1.4.2 Land Portal

Geospatial visualization of perceived tenure security

FIGURE 5



<http://www.fao.org/gender-landrights-database/data-map/statistics/en/> ;
http://s3.amazonaws.com/prindex/publications/7/Prindex_Analytical_Report_180311.pdf?1520845665 ; http://www.landmarkmap.org/map/#x=-102.46&y=13.47&l=3&a=community_FormalDoc%2Ccommunity_NoDoc%2Ccommunity_FormalClaim%2Ccommunity_Occupied%2Cindigenous_FormalDoc%2Cindigenous_NoDoc%2Cindigenous_FormalClaim%2Cindigenous_Occupied ; <https://rightsandresources.org/en/work-impact/tenure-data-tool/#.WyysRi-B0Wo>

Multi-Scalar Analysis

- “Networks of data effects:” tracing the reshaping of land governance structures and institutions as effects of data flows



(Source: Bowker, G. C., K. Baker, F. Millerand, & D. Ribes, 2010)

Case of India: Globalization of Land data Vs Localization

- Data diversity: different vocabularies and standards (Choudhury et al, 2018)
 - Land in India is a state subject: different vocabularies, different levels of digitization and access; different tenure types reporting
 - Strength & Challenges of Land Data Ecosystem (Choudhury et al, 2018)
 - + Open data policy, fair digitization of land records, substantial govt & non-govt data sources
 - Different data standards and accessibility, poor dissemination of land data in open data portals, blurred institutional landscape around land open data & SDG indicator reporting
- Fair global contribution Yet Poor local dissemination
 - India data is presented in most global land databases; contributions to global land governance
 - Limited effort around land indicators at national & state level
 - Like global-national verticals, national land actors lack local convergence
 - Different understandings of local tenure realities & global tenure categories
 - Poor feedback/connection loop between global-national as well as local data & governance

Case of India: Globalization of Land data Vs Localization

- Data diversity: different vocabularies and

- Land in India is a state subject
- different tenure types
- Strength

EXAMPLE QUESTION:

STANDARDIZATION ~ Simplification, affects local social realities

- Fair
- **WHOSE STANDARDS?**

- Local data portals, reporting
- Local databases; contributions to global land governance
- Local actors at national & state level
- Local verticals, national land actors lack local convergence
- Different understandings of local tenure realities & global tenure categories
- Poor feedback/connection loop between global-national as well as local data & governance

Governance and research challenge

... to map ephemeral? or new institutional? boundaries of data-landscapes and how they affect back onto land governance regimes.

Original Article

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Developing the Vectorial Glimpse: Infrastructural Inversion for the New Agenda on Government Information Systems

Annalisa Pelizza¹

SAGE

Utrecht Law Review

This article is published in a peer-reviewed section of the Utrecht Law Review

The Virtuality of Territorial Borders

Mireille Hildebrandt*

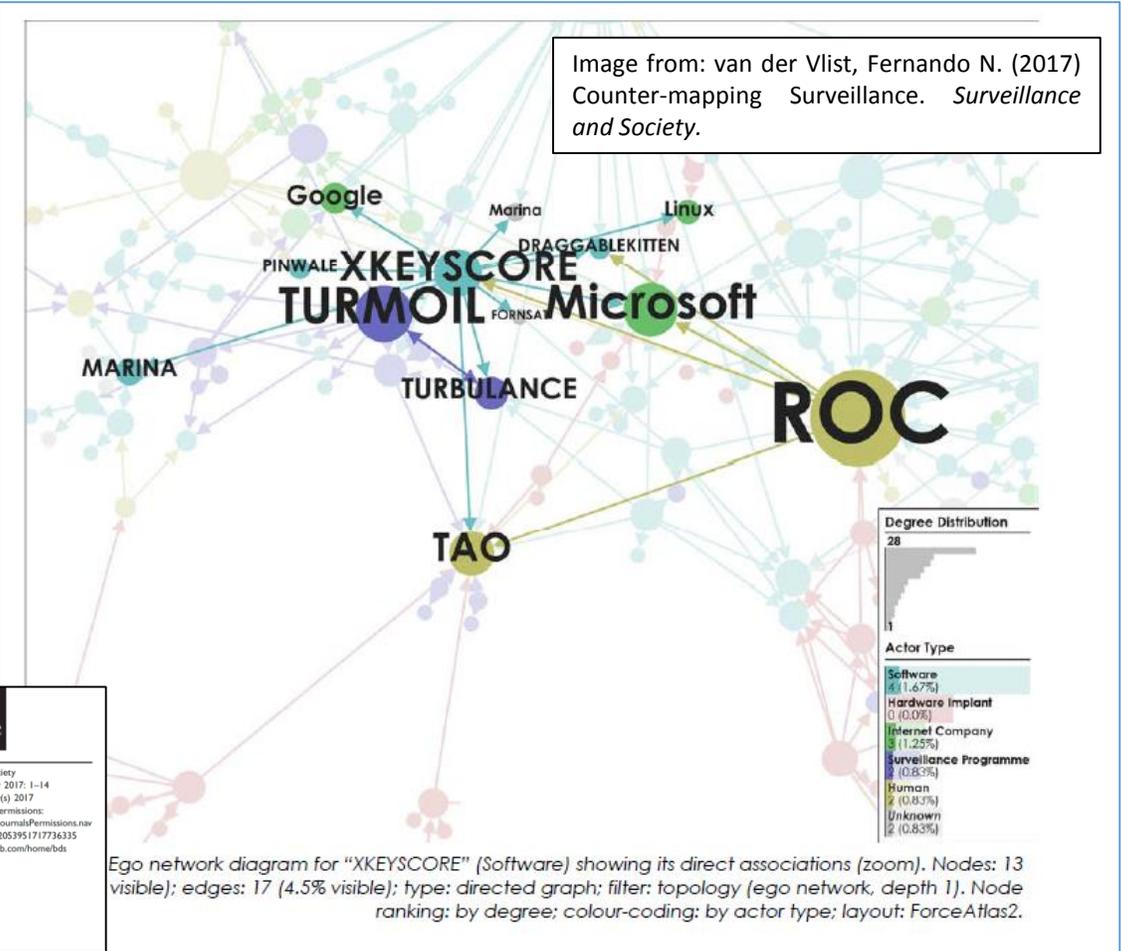
Original Research Article

What is data justice? The case for connecting digital rights and freedoms globally

Linnet Taylor

Big Data & Society
July–December 2017: 1–14
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