

Cadaastre and LIS for Decision-Makers

By

Clarissa Fourie,
Program of Surveying,
University of Natal,

and

Orlando Nino-Fluck, DISD,
United Nations Economic
Commission for Africa

Introduction



- Ad Hoc Expert Group Meeting
- Visualization
- Review of Africa's cadastre/LIS
- Relationship between cadastre and poverty
- Present design prevents innovation

Existing information systems

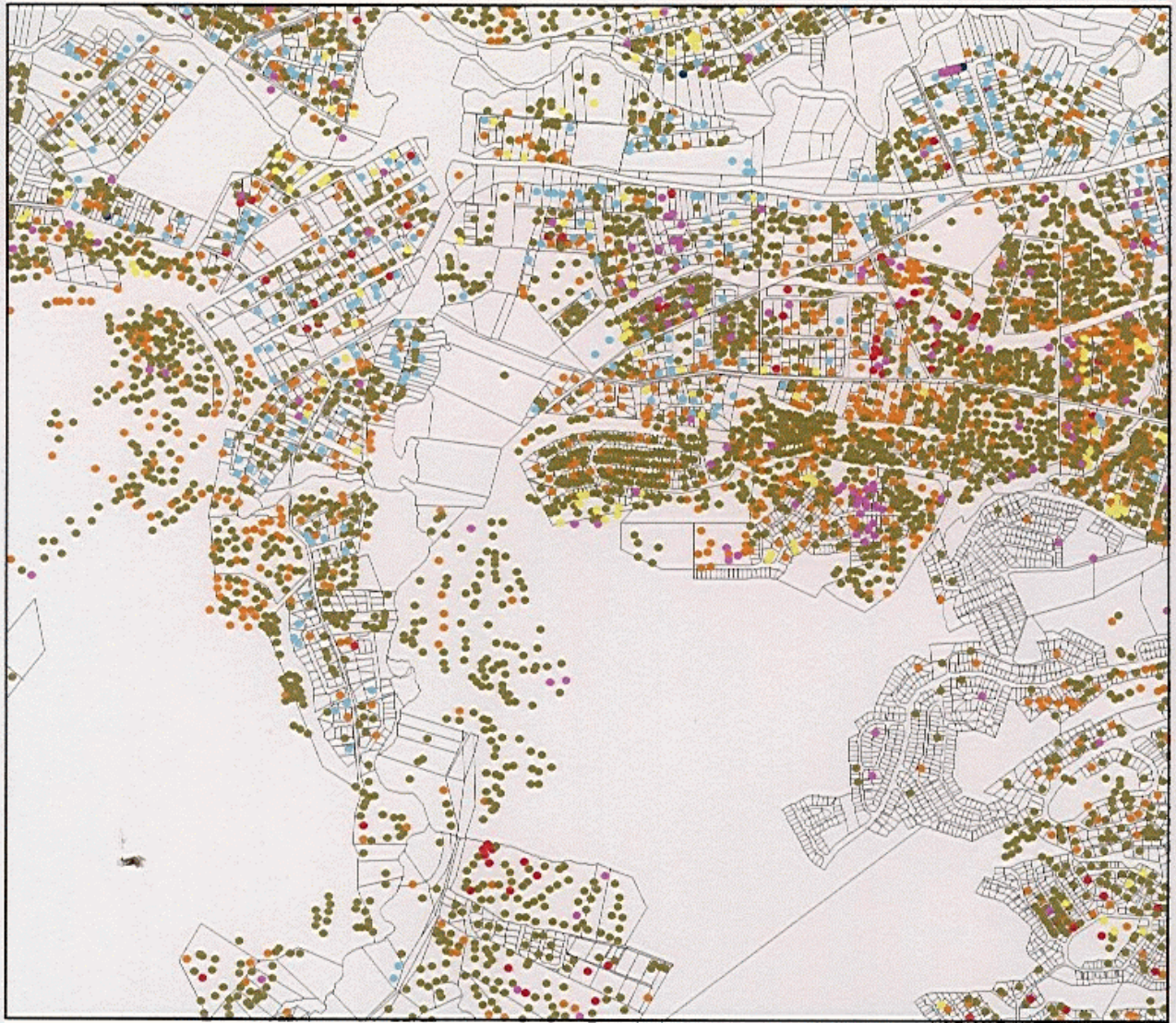
- **Insufficient documentary evidence**
- **Few LIS/GIS systems in place**

Extend system to poor

- Designed for middle class
- Poverty profile
- Cause of inequity and poverty
- Top down versus participatory

A range of identifiers

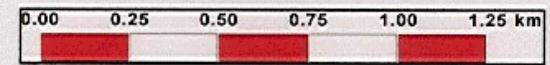
- **Parcels and problems**
- **Informal settlement**

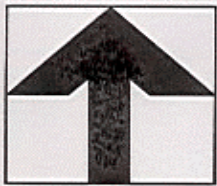


SEWERAGE AVAILABILITY

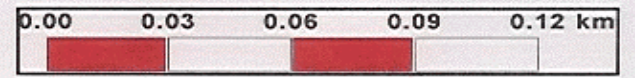
- None
- Water Borne
- Conservancy Tank
- Pit
- Septic Tank
- Other
- Unknown

□ Cadastral



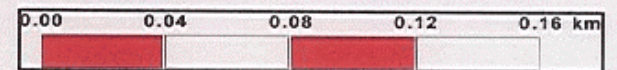


- MainRoads
- SECONDARYROADS
- Cadastral
- EDEN_BLD



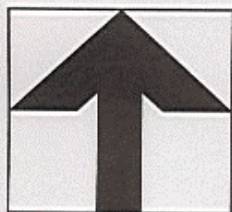






- MainRoads
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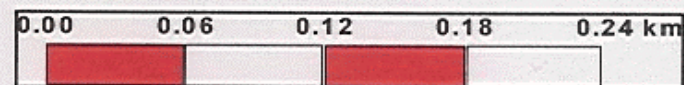


A range of identifiers

- **Parcels and problems**
- **Informal settlement**
- **Parcels and houses**
- **Other types of identifiers**



-  MainRoads
-  SECONDRYROADS
-  Cadastral
-  EDEN_BLD



A range of identifiers

- Parcels and problems
- Informal settlement
- Parcels and houses
- Other types of identifiers
- Integration of diversity
- Geodetic vs. visualization framework

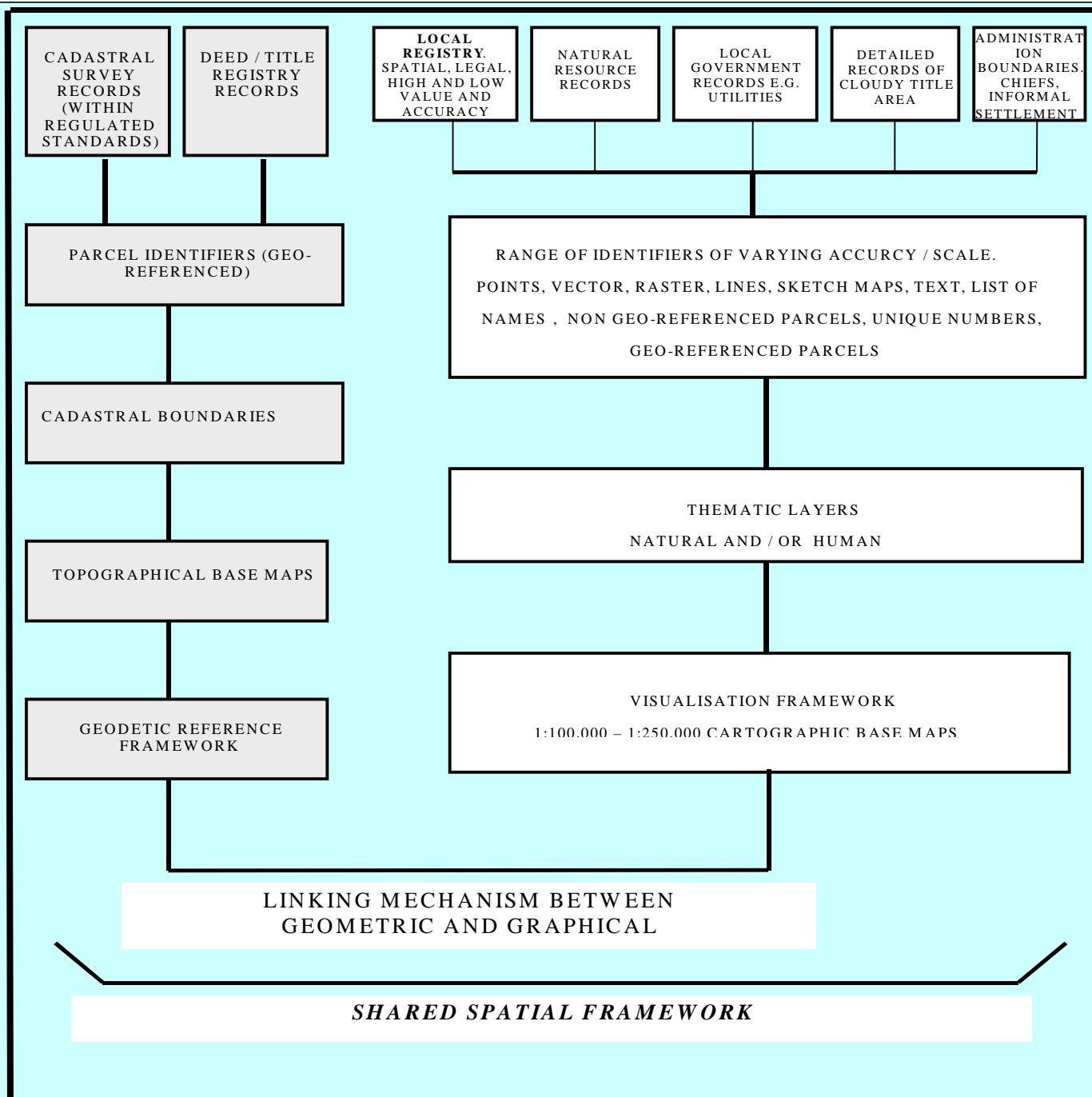


Diagram 1. Shared Spatial Framework (adapted from Latu: N.D.: 30; Groot: 1997)

Visualization Framework

- A fresh approach
- A linked framework
- Human settlement
- Satellite imagery and cartographic generalization
- Range of small scale base maps

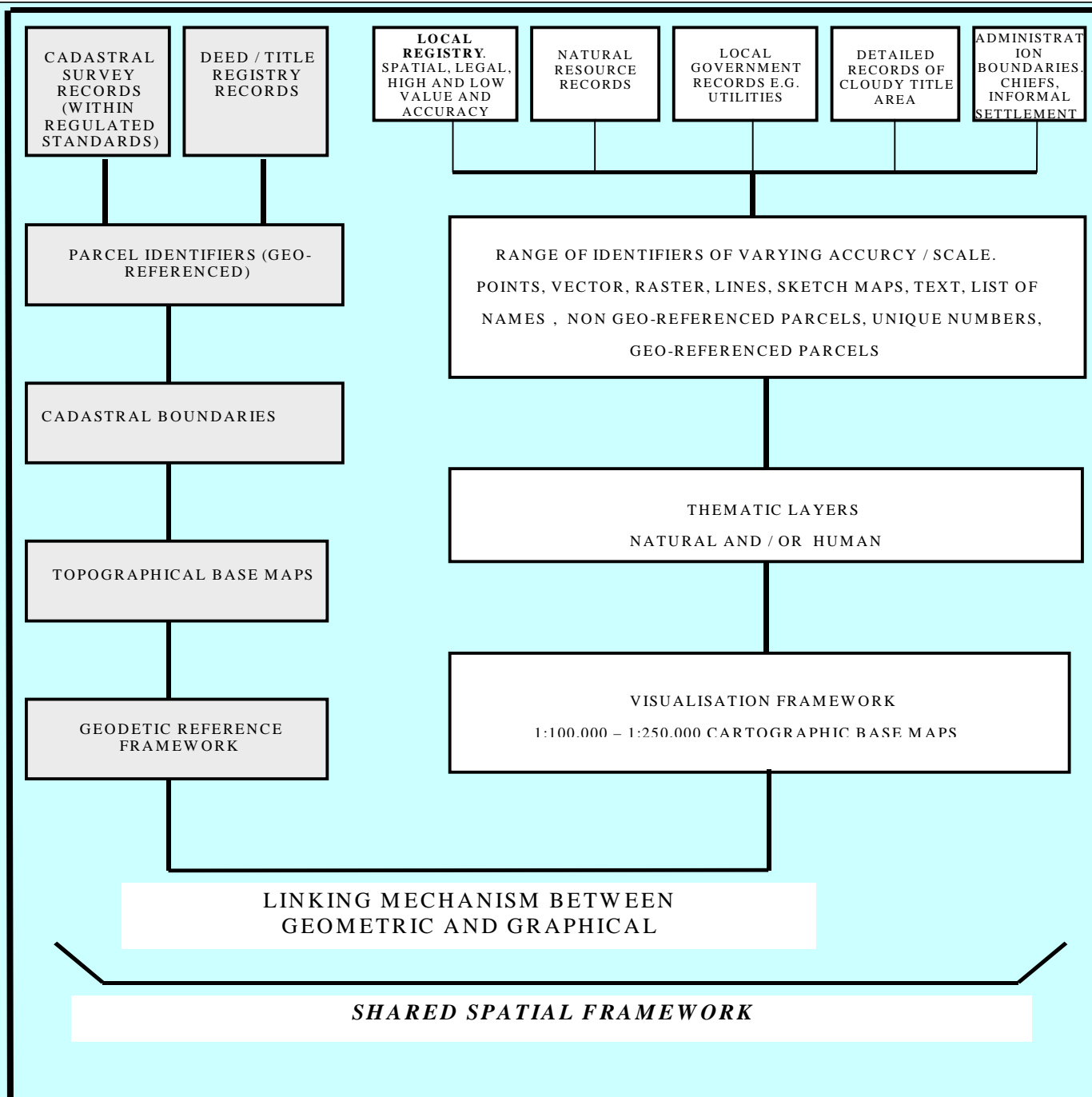


Diagram 1. Shared Spatial Framework (adapted from Latu: N.D.: 30; Groot: 1997)

Data flows and technical processes

- Centralized/decentralized
- Broad brush planning plus participation
- Less accurate and cheaper surveys
- Local land records
- Practical and affordable

