



12th International FIG Workshop on LADM & 3D LA
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The Governance of Semantic Resources for the FIG Community

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Overview

1. **Introduction**
 2. Land-related **semantic resources**
 3. **Use** of semantic resources
 4. Embeddding **CALATHE** within **AGROVOC** with **LANDVOC**
 5. **Conclusions** and Looking Ahead
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1. Introduction

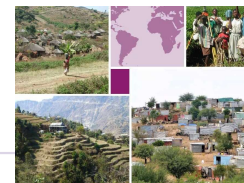
- What are **semantic** resources, **thesauri**, and **KOS**?
 - What is **LinkedData**
 - How do these constructs play out in **land administration**?
 - What is the relationship to **LADM**?
 - What do **LandVoc**, **CaLAThe**, and **AGROVOC** stand for?
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2. Land Related Semantic Resources

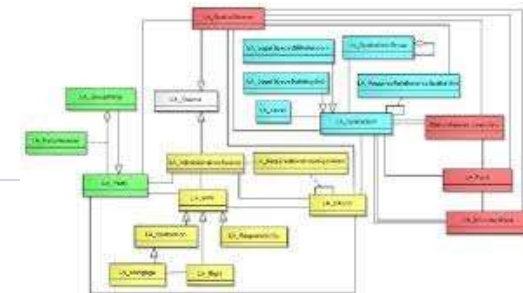
- What are this **land related thesauri**?
 - AGROVOC
 - LandVOC
 - CaLAThe
- What are **FIG** sustained semantic resources?
 - OICRF
 - ISO19152-2012 LADM
 - FIG Standards Network
 - ReLATE/TERLA



LANDVOC



TEACHING ESSENTIALS
 FOR RESPONSIBLE LAND ADMINISTRATION
 SUMMARY AND GUIDANCE FOR EDUCATIONAL RESEARCH AND CAPACITY DEVELOPMENT



3. Use of Semantic Resources

- What is **concept mapping**?
- How do we structure **domain knowledge** in terms of **sub-schemes**?
- What does this mean for **land administration**?
- Is it **LANDVOC** versus **CaLAThe**?

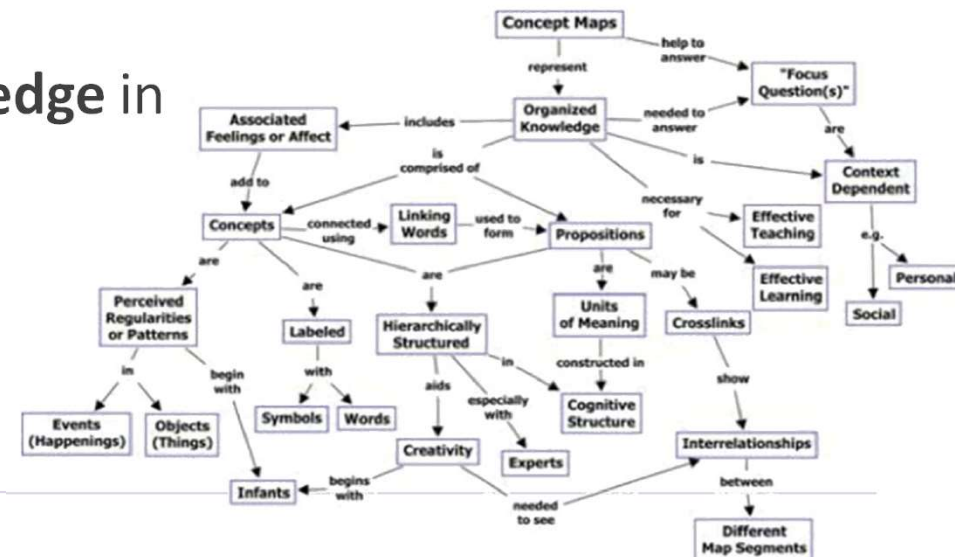


Figure 1. A concept map showing key features of concept maps. Note: Reprinted from Machado and Carvalho (2020)

4. CALATHE + AGROVOC +LANDVOC

- Can we **combine**? Should we **embed**?
 - What role for **OICRF**?
 - What are **WG7.5 LA Education** doing?
 - What about **WG7.8 Comparative Cadastres**?
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5. Conclusion and Looking Ahead

- The CaLAThe, LandVoc, and AgroVoc situation **challenges the notion** of a single subscheme
 - As a domain, globally we need **flexibility** via **more subschemes**
 - The **debate** continues
 - Where to **host**? That challenges continues also.
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Thanks.
Questions

