

Full Text search: Soil AND Active AND Layer 37

Too many facets can be confusing Active Layer DOES NOT appear as a facet The user must enter a new query to find the 37 datasets

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not retrieved?





Relevant Documents

Retrieved Documents

100% recall means all relevant documents were retrieved, but maybe also many non-relevant

100% precision means all retrieved documents were relevant, but where relevant documents

Our approach: re-use, interoperability, integration

Include attributes in search Contains O Exact Match lost popular searches (all users) Recent searches (all use Selected Ontologies -Matching Terms Filter type filter text **Term Name** SoilCultivation <u>SoilHorizon</u> <u>SoilLayer</u> <u>SoilLoss</u> <u>SoilOrder</u> s-measurement uses-standard

Search all ontologie

Observation Ontology, UCSB annotations of the source datasets.

58% of top 50 keywords have no match: adding semantics to a keyword index can never replace

as-charactersitic-value

Rethink the approach of metadata capture to include ontology objects Add ontologies and/or provide SWEET extensions Dynamically driven display for improved clarity and comprehension

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Transaction Service

Display Service Service Index Service

- Provides additional
- keywords Provides context
- Uses these for new searches

Architecture Diagram



OBOE: Extensible

as-standard-value

has-value

Value

