

**Being FAIR when archaeological information is MEAN**  
**Miscellaneous, Exceptional, Arbitrary, Nonconformist**

Isto Huvila  
Department of ALM | Uppsala University  
@ihuvila | www.istohuvila.se



Archaeological information in the digital society  
[arkdis-project.blogspot.se](http://arkdis-project.blogspot.se)



cost-action - CA15201  
COST Action CA 15201  
Archaeological Practices And Knowledge Work In The Digital Environment  
[www.arkwork.eu](http://www.arkwork.eu)

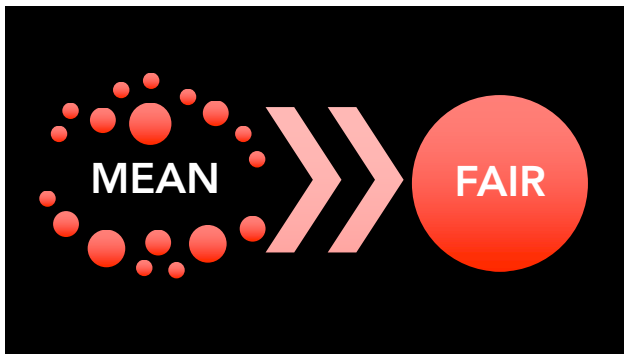


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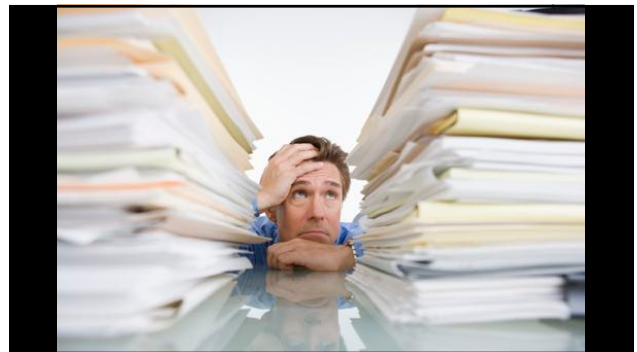
**FAIR!**  
findable, accessible,  
interoperable, re-usable



### Empirical work

- Observations of archaeological practices in field in Finland and Sweden 1999-(2016)
- Interviews with archaeologists and information managers in Finland and Sweden (2004, 2013/4)
- Survey of non-archaeologist stakeholders 2015
- ...

**Problem:**  
Lots of <sup>stuff</sup> data, so little information.



#### To be Findable:

- F1. (meta)data are assigned a globally unique and eternally persistent identifier.
- F2. data are described with rich metadata.
- F3. (meta)data are registered or indexed in a searchable resource.
- F4. metadata specify the data identifier.

#### To be Accessible:

- A1 (meta)data are retrievable by their identifier using a standardized communications protocol.
- A1.1 the protocol is open, free, and universally implementable.
- A1.2 the protocol allows for an authentication and authorization procedure, where necessary.
- A2 metadata are accessible, even when the data are no longer available.

**To be Interoperable:**

I1. (meta)data use a formal, accessible, shared, and broadly applicable language for knowledge representation.

I2. (meta)data use vocabularies that follow FAIR principles.

I3. (meta)data include qualified references to other (meta)data.

**To be Re-usable:**

R1. meta(data) have a plurality of accurate and relevant attributes.

R1.1. (meta)data are released with a clear and accessible data usage license.

R1.2. (meta)data are associated with their provenance.

R1.3. (meta)data meet domain-relevant community standards.

**Problem:**  
Information is organised from dozens of different perspectives

**Why?**

**Problem:**  
Archaeologists don't know what other archaeologists are doing.

