



Data Provenance

- A climate researcher publishes a paper citing that last year was the hottest on record. The paper contains a reference to the data that was used in the analysis. A reviewer is able to find which gridded data, derived observations data, 'raw' observations data and associated observations metadata were used by the researcher by reviewing data provenance records. The reviewer is able to download all relevant data that conforms to the WMO climate observations application schema, with a known structure and semantics. The reviewer is able to undertake their own review to assess the validity of the researcher's claim.