

WISERD DATA PORTAL

The WISERD social science data discovery tool



SRA Evening Seminar 15th October 2013

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Uwch Cymru
Higher Education Funding
Council for Wales

hefcw



WISERD

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- Data key resource for social science research
- Large number of datasets available in Wales/UK **BUT:**
- Awareness and discovery of social science data needs improving (ESRC/HEFCW scoping study – pre WISERD)
- Existing data needs to be optimised/repurposed/reused (UK Gov Data Strategy, 2009)
- New ways of disseminating data (e.g. data feeds)

WISERD DataPortal

- **Data:**
 - **Standards compliant meta-data for search and discovery**
 - Quantitative / Qualitative socio-economic data
 - Web mapping services (WMS) feeds
 - API data feeds (NOMIS; ONS)
 - Geographic as well as thematic and temporal metadata searches
 - Data entry and management tools
- **Portal:**
 - **Web-based** system for discovering data resources

Mash up of metadata, source data and mapping data

The screenshot shows a web application interface with a search bar containing 'education, funding'. Below the search bar is a table of search results. Three callout boxes are overlaid on the image:

- Meta-data (WISERD)**: A red circular callout pointing to the 'Map Layers' panel on the left side of the interface.
- Source Data (e.g. NOMIS)**: A blue circular callout pointing to the search results table.
- Mapping Data (e.g. EDINA)**: A green circular callout pointing to the map area at the bottom of the interface.

Data Source	Survey Name	QuestionNumber	Thematic T...	Spatial
Survey Name: Living in Wales 2007 Household Questionnaire (1 Item)				
Survey Data	Living in Wa...	Section: Further Education 1	Education	true
Survey Name: null (1 Item)				
WISERD DB		Section: All Health Services schoold funding	Education, ...	false
Survey Name: Living in Wales 2006 Household Questionnaire (4 Items)				
Survey Data	Living in Wa...	Section: Primary School MTCE1	Education	true
Survey Data	Living in Wa...	Section: Early years Education MTCD1	Education	true
Survey Data	Living in Wa...	Section: Early Years Education MTCD3	Education	true
Survey Data	Living in Wa...	Section: Early years Education MTCD2	Education,	true
Survey Name: null (1 Item)				
WISERD DB		Section: Early Years Education MTCD...	Education	false
Survey Name: Life In Wales Today (Welsh Life & Times Survey) Questionnaire (1 Item)				
Survey Data	Life In Wale...	Section: Education q5	Education	false

Example Queries

- **Text:** “Show me all the surveys conducted in Wales that contain questions on health.”
- **Spatial:** “I need to find out what socio-economic data exists for Cardiff.”
- **Spatial:** “Show me all the existing data for this (user-defined) area”
- **Text/Spatial:** “I’m conducting a project on schools in Merthyr Tydfil – I want a printed report of all the relevant data within the Merthyr UA”

The WISERD Metadatabase

- **Qualitative Data:** **103** WISERD stakeholder interviews
- **Administrative Data:** **21** PLASC stats tables (2003-10) mapped at UA level. School-level stats mapping planned.
- **Grey MDB:** **10** academic journal articles and PhD theses
- **Public:** No data added yet (future development)
- **External data sources >>>**