



A joint Research Councils Programme co-sponsored by Defra and SEERAD

Data resources for rural sustainability research: realising their combined potential.

Annex F

Data requirements of RELU first call award holders

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Appendix F. Data requirements of RELU first call award holders

The following table is an inventory of the data sets required by the RELU first call award holders, as stated in the data management and communication plans provided to the RELU office. Information under 'access issues' does not indicate major problems at this early stage of first call projects, though a few state that negotiations are in progress.

	Dataset	Holder	Description	Access issues
1.	'What's in your back yard?'	Environment Agency	Environment data on water quality, pollution and waste	Availability unconfirmed at present. Negotiation in progress
2.	1:250,000 National Soil Map	NSR1 Silsoe	Vector data 1:250,000 scale soil associations	Licensed, royalty-free data extraction and administration fee for specified applications
3.	2001 Census	CASWEB/ONS	Tabular Census data	Dataset free to download from website and available on DVD from ONS
4.	Administrative Boundaries	EDINA/ UK Borders	Boundary data for administration areas	This dataset provides shapefiles of Output Areas and is free to download from the website
5.	Administrative Boundaries	ONS	Tabular data converting OAs to SOAs	Dataset supplied on CDROM
6.	Aerial photograph	Infoterra	High resolution aerial photographs	Agreement with Infoterra for free supply of material for use on this project
7.	Agricultural and environmental datasets	DEFRA	Agricultural land classifications, common land, countryside stewardship agreements, environmentally sensitive areas, moorland, nitrate sensitive areas, organic farming schemes	Data set provided by MAGIC, free to download

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	Dataset	Holder	Description	Access issues
8.	Agricultural Census	DEFRA	Tabular census data	Dataset free to download from website.
9.	Agricultural Small Area Statistics	GI Services Welsh Assembly Government/ DEFRA	June Agricultural Census data aggregated to the level of small area statistics (SAS). Data include robust farm types, grassland, crop, livestock and employment data	Access available for academic research
10.	Bird data	RSPB	Important bird areas, RSPB reserves	Dataset provided by MAGIC, free to download
11.	Censuses 1971-2001	Office for National Statistics	Geo-referenced population Census data	Accessible to academic community via MIMAS and UKBoarders
12.	Classification of rural and urban areas	DEFRA/ Countryside Agency	OAs and SOAs classified into six rural types	Output Areas free to download. Awaiting SOAs.
13.	Climate	Meteorological Office/ UKCIP	5 km x 5 km grid baseline data sets for the period 1961 to 2000. Includes rainfall, days of ground frost, mean monthly sunshine	Access available for academic research.
14.	Commodity price data	Intrafish	Historic prices for organic fish products and substitutes	Registered access through University of Stirling
15.	Consumer preferences	National Consumer Council etc	Consumer profiles against interest in environmental deliverables	Access/cost?
16.	Countryside datasets	CA	Areas of outstanding natural beauty, countryside character areas, doorstep regions, heritage coasts, land management initiatives, millennium greens, national parks	Dataset provided by MAGIC, free to download

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	Dataset	Holder	Description	Access issues
17.	Countryside Survey 2000	CEH	Data on land cover and other features at 1km ² resolution. Available as a vector dataset, corrected to OS landline	Level 2 data available through Countryside Information System Level 2 vector data commercially available
18.	Countryside Survey Land Classification System	CEH	Classification of land at 1km ² resolution into land classes	Freely available
19.	Countryside Survey Land Cover Map	CEH	Information on the habitats, plants, landscape features and land types	Availability unconfirmed at present. Negotiation in progress.
20.	Crime			May use IMD figures
21.	Education	DfES	Location of Primary and Secondary Schools. Results for KS2 and KS4, SEN and absence information	Availability unconfirmed at present. Negotiation in progress
22.	Farm Assurance membership	Assurance Boards and or certification bodies	Membership, cost/enterprise size	Confidentiality and degree of database detail
23.	Farm Business Survey	ESRC/DEFRA	Detailed physical and financial accounts of up to 2000 farm businesses (England and Wales, similar for Scotland)	At ESRC data archive. Ministerial approval required. Confidentiality of individual records when spatial information is included.
24.	Farm data	AgraEurope DEFRA	Farm holdings/size Import/export/self sufficiency	Cost (Agra Europe)
25.	Forestry Conservation	Forestry Commission	Forestry Commission Conservancy Boundaries	Dataset provided by MAGIC, free to download
26.	Habitat inventories	English Nature	GIS data files for different habitat types	Publicly available

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27.	Habitat Records	Thames Valley Environment Record Centre	Record of species population/distribution in the Thames Valley	None
28.	Health	UEA Public Health Observatory at York	Prescription Information Public health data	Availability unconfirmed at present. Negotiation in progress
29.	Health Survey for England	ESDS data archive	A series of annual surveys about the health of people living in England	None
30.	Housing	Rural Institute of Chartered Surveyors	House price information	Availability unconfirmed at present. Negotiation in progress
31.	IACS	DEFRA	Field level information on agricultural activities	Confidentiality
32.	Impact assessment database	CIT EKOLOGIK	Characterisation factors for potential environmental impacts and different weighting methods	Subject to payment of fee and licensing restrictions
33.	Indices of Multiple Deprivation	ODPM	The English Indices of Deprivation for 2004, broken down into seven domains of deprivation	Dataset supplied on DVD from Social Disadvantage Research Centre
34.	Inventory datasets	CIT EKOLOGIK	271 datasets covering production, recycling, etc.	Subject to payment of fee and licensing restrictions
35.	Landform Panorama	EDINA/Digimap	Contours and digital terrain model	Dataset free to download from website
36.	Land-Form PROFILE	OS Digimap	Digital Terrain Model – 10m resolution	Restrictions on use as outlined in the Digimap - Ordnance Survey Data Sub-licence Agreement

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37.	LandLine.Plus digital map data	OS Digimap	Shows accurately surveyed position of the natural and man-made features of the topography	Restrictions on use as outlined in the Digimap - Ordnance Survey Data Sub-licence Agreement
38.	Local Biodiversity Action Plan	Leicestershire and Rutland Wildlife Trust	Assessment of species numbers and sustainability issues	Currently negotiating access
39.	Millennium Map	Getmapping plc	Orthorectified digital aerial photography, 25cm resolution	Commercially available
40.	National Diet and Nutrition Survey	University of Essex Data Archive	Adult survey 2000	Licence payment (included in project budget)
41.	National Diet and Nutrition Survey	ESDS data archive	The NDNS provides a comprehensive cross-sectional picture of the dietary habits and nutritional status of the population of Great Britain	None
42.	Nature Datasets	English Nature	Ancient woodland, nature reserves, natural areas, ramsar sites, SSSI, conservation areas	Dataset provided by MAGIC, free to download
43.	ONS Omnibus Survey	ESDS data archive	Information on demographics at postcode level	None
44.	Ordnance Survey 1:10,000 raster backdrop	OS Digimap	Largest scale Ordnance Survey raster backdrop dataset	Restrictions on use as outlined in the Digimap - Ordnance Survey Data Sub-licence Agreement
45.	Ordnance Survey 1:25,000 raster backdrop	OS Digimap	Largest scale Ordnance Survey raster backdrop dataset	Restrictions on use as outlined in the Digimap - Ordnance Survey Data Sub-licence Agreement
46.	Ordnance Survey Datasets	Ordnance Survey	Roads networks, settlement locations, post offices	University Licence obtained

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47.	Ordnance Survey Maps	Digimap	1:25,000 and 1:50,000 scale maps of the case study areas	None
48.	Phase 1 Habitat Survey	Natural Science Group Countryside Council for Wales	Phase 1 habitat audit for Wales captured from 1:10,000 OS survey sheets	Access available for academic research
49.	Phase 1 Habitat Surveys	Holly Hayes Environment and Heritage Resources Centre	Local Phase 1 Habitat Surveys in Leicestershire	Currently trying to negotiate access at reasonable price level
50.	Planning applications	Melton Mowbray District Council	Planning applications for residential new-build and improvements	Dataset for early 1991 already held by applicant; request made for updated information
51.	Power Stations	UKQAA	Location of Power Stations	Location Information given on website
52.	Protected areas in Wales	Countryside Council for Wales	Vector boundaries captured from 1:10,000 OS data. Coverages include SSSI, PSAC, SAC, RAMSAR, AONB and Heritage Coast	Access available for academic research.
53.	Provisional Agricultural Land Classification	GI Services Welsh Assembly Government	PALC captured at 1:250,000 showing potential agricultural productivity (5 classes)	Access available for academic research
54.	RELU e-mail list	ESRC	List of e-mail addresses for RELU contacts	Agreed
55.	Retail statistics	IGD	Profile of retailers and main integrators	Cost
56.	River Taw FIO measurements	Environment Agency?	FIO concentrations of river flow	?

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57.	SOILSERIES attribute data	NSRI Silsoe	Tabular data that augment the 1:250,000 Soils NATMAP data. Information includes soil water regime/ pesticide leaching class	Licensed, royalty-free data extraction and admin fee for specified applications
58.	Species Records	Thames Valley Environmental Records Centre	Records of species population/distribution in the Thames Valley	None
59.	Transport and Accessibility	DfT	Bus stops, bus routes, timetables, locations of services, accessibility indicators	Available unconfirmed at present. Negotiation in progress
60.	UK Expenditure and Food Survey	ESDS data archive	Data on changing patterns of household food consumption	None
61.	UK Family Expenditure Survey	ESDS data archive	Household expenditure and income data	None
62.	Wind Farms	BWEA	Location, size and density of all wind farms in the UK	Dataset free to download from website