



SCIENCE &
ENGINEERING
SOUTH

UNIVERSITY OF
Southampton

Helping researchers manage their data

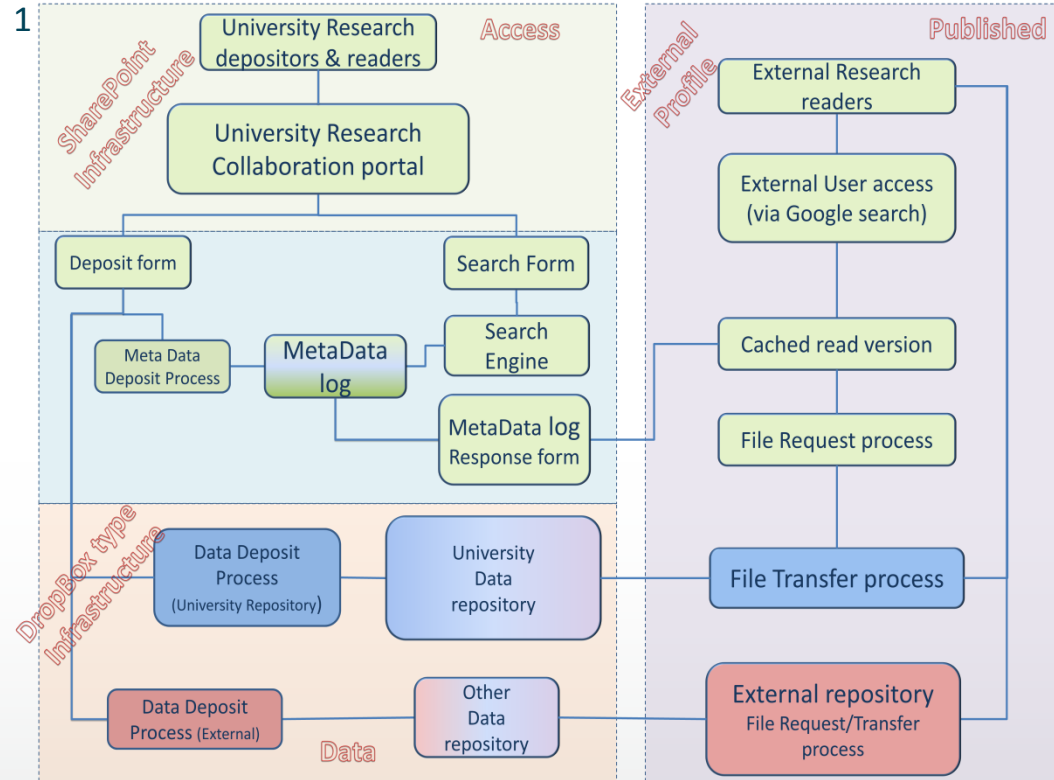
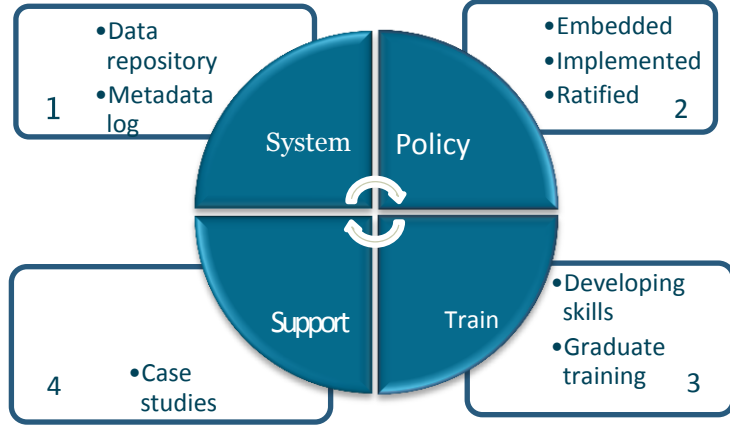
... at the University of Southampton

Wendy White, Dorothy Byatt
9 May 2014

DataPool

Building Capacity, Developing Skills, Supporting Researchers

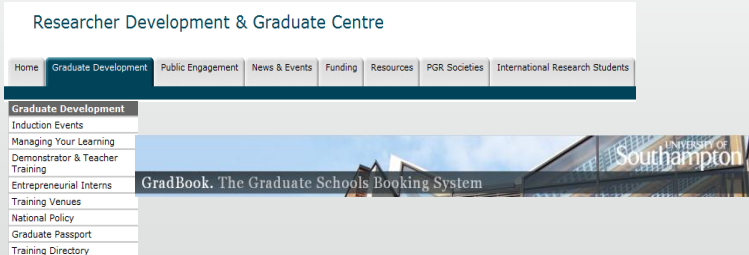
<http://datapool.soton.ac.uk/>



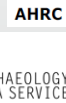
4



3



2



Policy

Title: Research Data Management Policy
From: Research and Enterprise Advisory Group Date: December 2011

NERC Data Policy - Guidance Notes



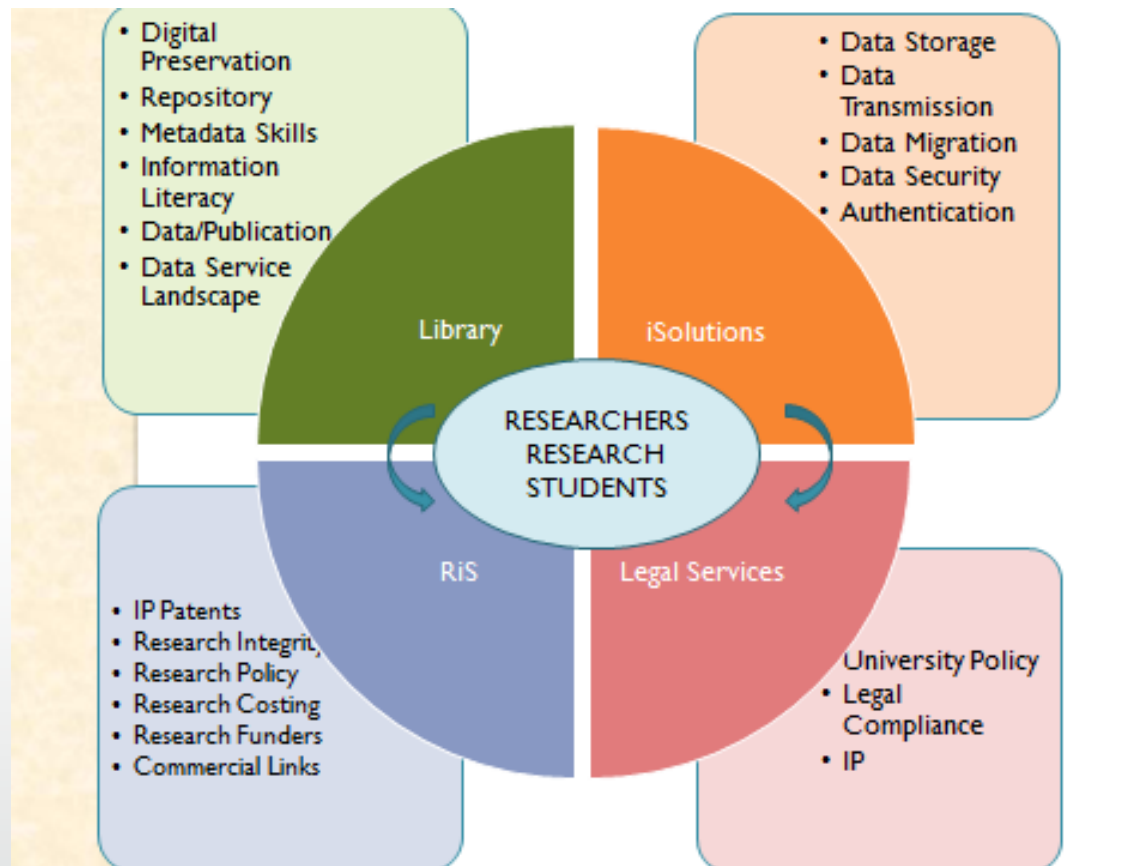
JISCMRD02 Launch Workshop
1st – 2nd December 2011



7th International Digital Curation Conference
5th-7th December 2011

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DataPool Service Model



Developing our service approach

Essential for service provision

Agile, Bespoke, Collaborative

Helpful way of working to build experience

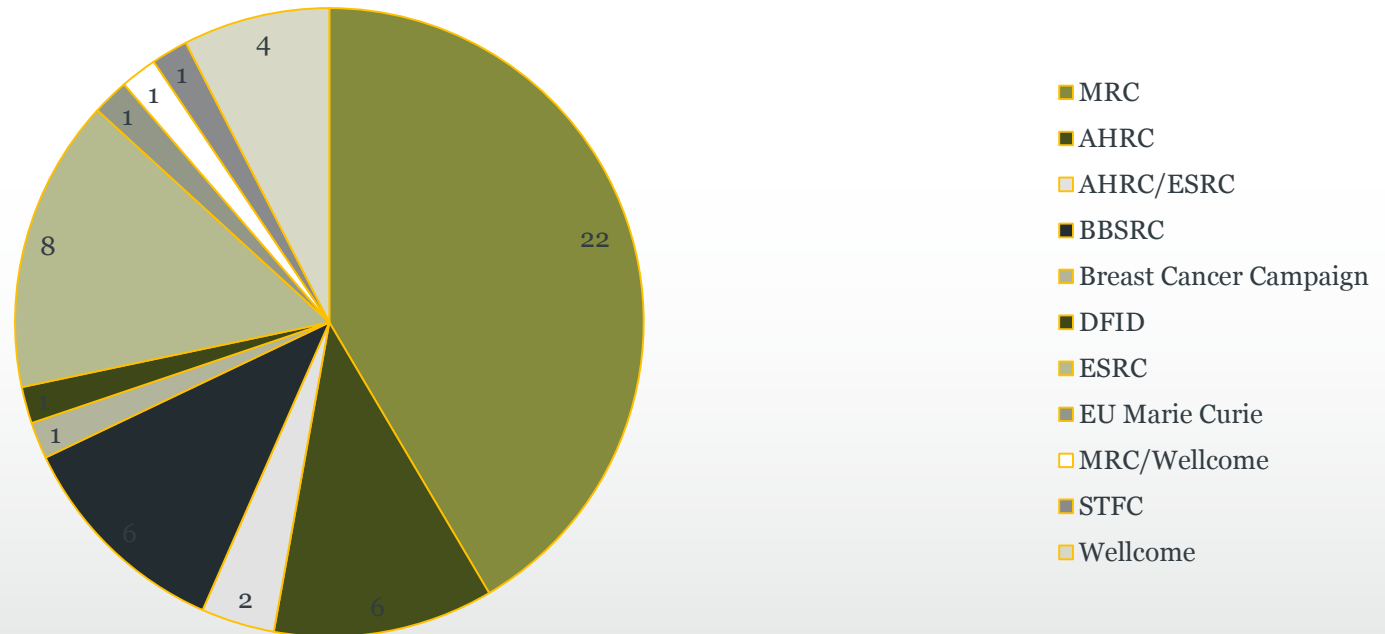
**Iterative, Investigative,
Interdisciplinary**

Data Management Planning

- Robust – team and rota underpin email enquiry service
- Grow expertise within team, knowledge-exchange, peer sharing
- One-stop-shop website and policy provide framework for individual plans
- Discursive process – raises awareness of wide range of University services
- Experience informs services developments e.g. Research Portal embedding in Faculty space

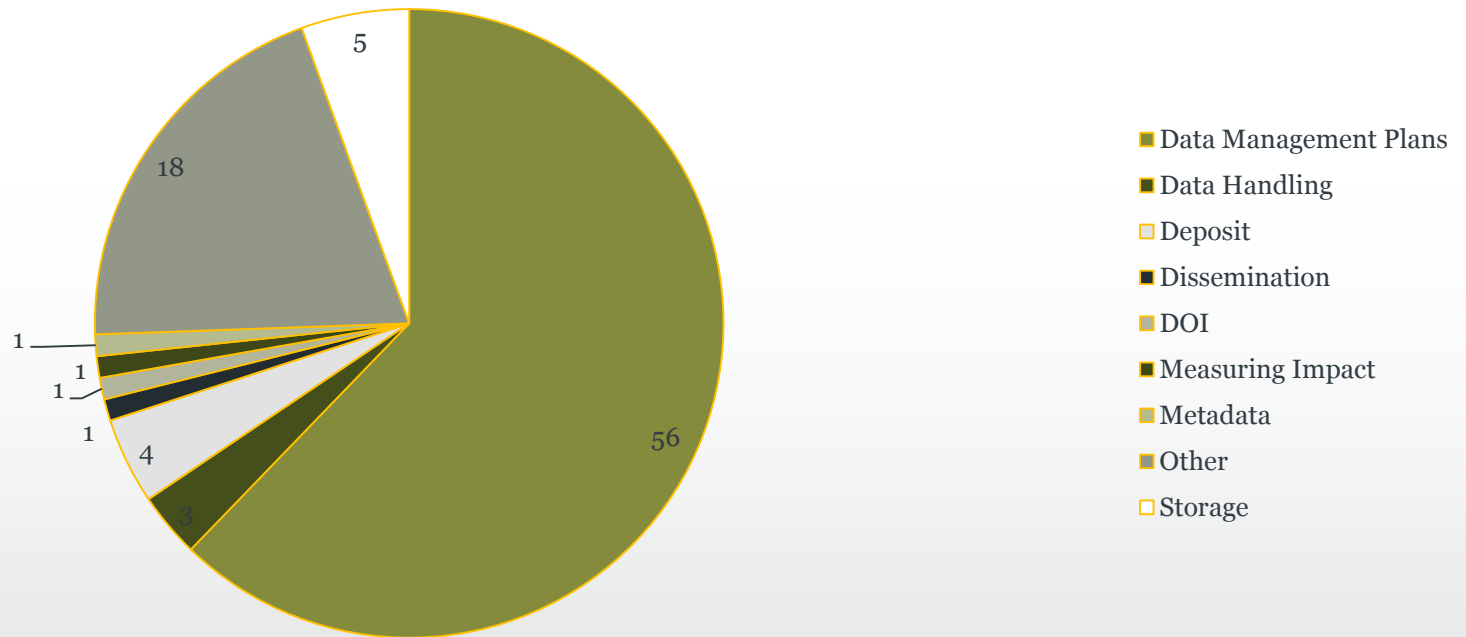
Data Management Planning

Number of Data Management Plans by Funder



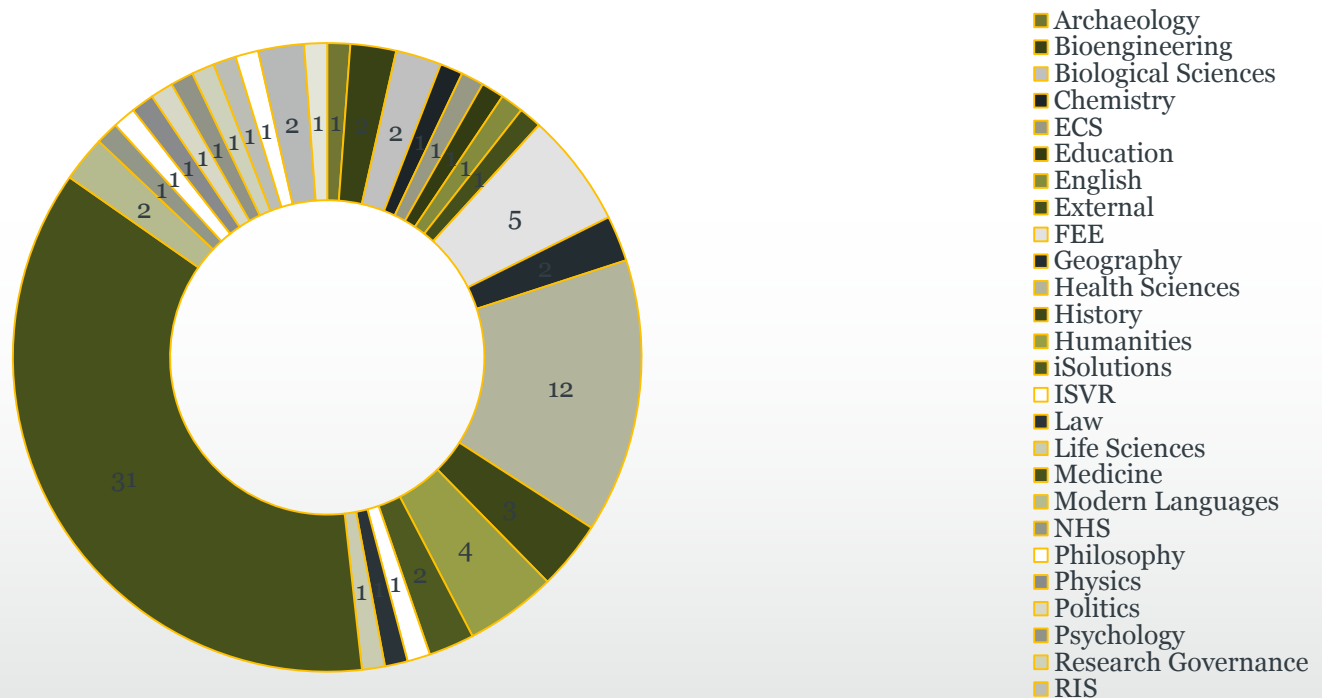
DMP only part of service

Number of Data Enquiries



Wide discipline spread for data enquiries

Total Enquiries by Discipline



Preparing and depositing data – journal

3. Results and discussion

The isotherm maps presented in this paper provide a striking visual depiction of summer air temperature development over the landmass of northwest Europe during the Lateglacial–early Holocene transition. In this discussion we will first highlight the major gradients and trends apparent in the C-IT data and discuss the likely mechanisms driving these temperature developments. Second, we will contrast and compare the C-IT against the B-MCR data and discuss likely reasons for any major differences between these data. Third, we will consider the reliability of the data we present and discuss the reasons for any major shortfalls. Finally, we will use the maps to identify gaps in the geographical and temporal coverage of our data in order to prioritise the locations for new summer temperature records. The data and maps shown in Figs. 3 and 4 can be downloaded from the University of Southampton eprints: <http://dx.doi.org/10.5258/SOTON/361991> (Langdon et al., 2014).



Quaternary International

Available online 5 March 2014

In Press, Corrected Proof — Note to users




Summer temperature gradients in northwest Europe during the Lateglacial to early Holocene transition (15–8 ka BP) inferred from chironomid assemblages

Stephen J. Brooks^a,  , Peter G. Langdon^b

Show more

<http://dx.doi.org/10.1016/j.quaint.2014.01.034> 

 Get rights and content

Langdon, Peter, Riddy, Liam and Brooks, Steve (2014) Summer temperature gradients in northwest Europe during the Lateglacial to early Holocene transition (15-8 ka BP) inferred from chironomid assemblages.
[doi:10.5258/SOTON/361991](https://doi.org/10.5258/SOTON/361991) [dataset]

Download



Archive (ZIP) (Lateglacial (pre 14700 years BP to 11700 years BP) summer temperature data inferred from chironomids for NW Europe) - Data
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Archive (ZIP) (Holocene (11000 years BP to 8000 years BP) summer temperature data inferred from chironomids for NW Europe) - Data
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Other (GIS layer file) - Data
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PDF (Instructions. Read before uploading and accessing the datasets) - Documentation
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Archive (ZIP) (Holocene) - Additional metadata
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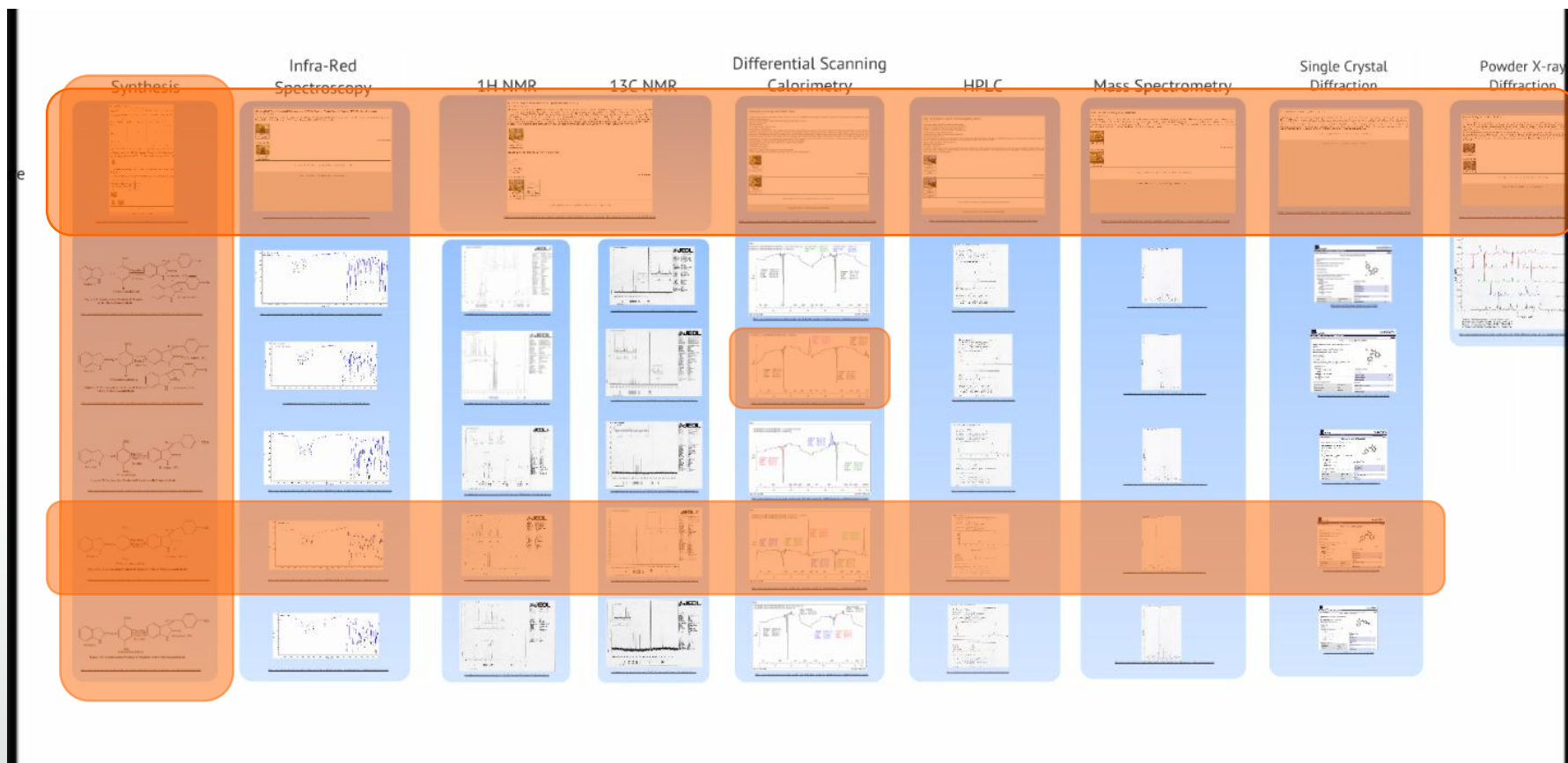


Archive (ZIP) (Lateglacial) - Additional metadata
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Description/Abstract

The raster temperature data was interpolated from site temperature data estimated from Chironomid records using Kriging. Temperatures are in Degrees Centigrade. The dataset covers all of Northern Europe including Iceland and Scandanavia.

Granularity... and disciplinary exemplars



Training

- On demand group sessions on preparing DMPs by Faculty/disciplinary centre
- Embedded PGR training as part of Researcher Development Graduate Centre programme “RDM 101” – first principles and case study exemplar
- Co Library and PGR/ECR led
- RDGC just funded 2 year continuation for PGR input and production of some supporting podcasts to supplement case study guide

Expanding case study approach

Introducing Research Data



Aimed at those about to start some research work, this useful guide is an introduction to the various forms that research data can take; provides examples from a number of disciplines; sections on the importance of looking after data and some helpful tips on best practice.



<http://library.soton.ac.uk/researchdata>

Next steps

- DMP is for project lifecycle, not just for award – follow up successful bids to offer ongoing support
- Iterative development of training/workshops
- Expand take up of DOIs and data deposit - formal DOI issuing policy to be ratified at next Research Committee
- Build on cross service expertise for seamless referrals and partnership support – knowledge transfer, retain specialisms
- Consortial and inter/national sharing

Shared Service Engagement

