

The Data of Ideas:

Enabling Research Dissemination, Knowledge Transfer & Impact through Data Citation

OLA Super Conference

28th January 2016

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Queen's University.

Overview

- 1. About data citation
 - Benefits of data citation
 - Challenges of data citation
- 2. How to cite data
- 3. Measuring the impact of research data.
- 4. Questions.



What's in a name...

Data

That which is collected, observed, or created in a digital form, for purposes of analyzing to produce original research results.

Source: http://www.docs.is.ed.ac.uk/docs/data-library/EUDL RDM Handbook.pdf

Primary sources

A document or physical object which was written or created during the time under study. These sources were present during an experience or time period and offer an inside view of a particular event.

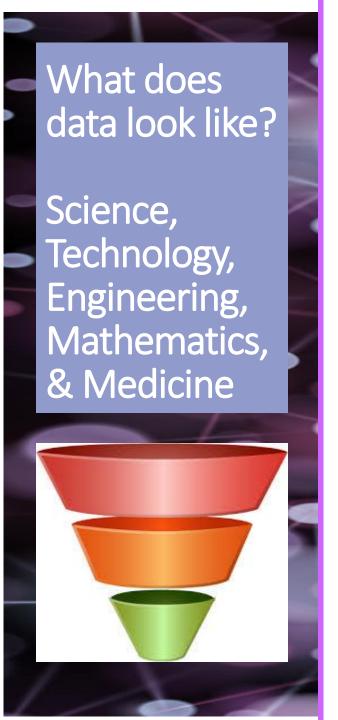
Secondary sources

...interprets and analyzes primary sources. These sources are one or more steps removed from the event. Secondary sources may have pictures, quotes or graphics of primary sources in them.

Source: http://www.princeton.edu/.



- Published materials (books, magazine and newspaper articles) written at the particular time; memoirs & autobiographies
- Handwritten documents, such as diaries and journals, speeches, interviews, letters
- Maps
- Laws and court cases
- Records of government agencies, organizations
- Public opinion polls
- Fiction from a particular time and place
- Photographs, audio recordings, videotapes, films
- Art, including paintings, prints and other media
- Artifacts furniture, clothing, tools, jewelry, pottery.
- Religious and philosophical texts etc.



- Collection of digital objects acquired and generated during the process of research
- Database contents including:
 - Video, audio, text, images etc.
- Contents of an application such as input, output, log files for analysis software, simulation software, schemas
- Code, scripts, models, algorithms
- Methodologies and workflows
- Standard operating procedures and protocols
- Clinical Data files
- DNA Sequencing, Genome data
- Laboratory notebooks, field notebooks, diaries
- •Questionnaires, responses, transcripts, codebooks
- Specimens, samples
- Statistics etc.
- Text or Word documents, spreadsheets, audio, video etc.

'Good Research is Based on Good Data'



Why Cite Data?



Data & the Knowledge Creation Process

?

1

- Existing Analysis
- Existing Findings

Lit Review

2

Plan Own Study

- Re-use existing study design
- Validate your own approach/ instrument etc.

3

- Store
- Annotate
- Discard
- Select
- Use

Create
New Data

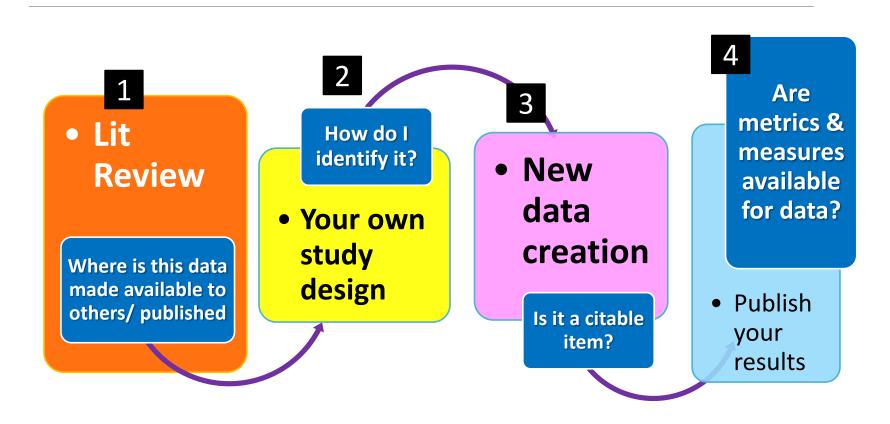
4

Publish Results

- Publish in articles, books, proceedings
- Generates Tweets / Posts
- Media mentions
- Cites in articles, books etc.

Pubs

Why Should Data be Considered a 'Citable Item'?



Why we cite

- Giving credit
 - Background reading
 - Identifying methodology
 - Identifying the original paper.
- Support / authenticate existing findings
- Refute
 - Correcting own work
 - Correcting other's work
 - Criticizing / disputing works of others.

- Alerting
 - Forthcoming work
 - Providing leads.
- Review
- Compare
- Note only
- Apply / re-use.

W

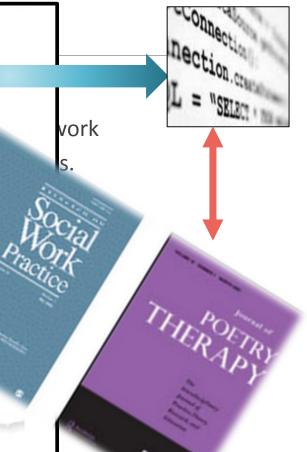
However a recent study indicates something even more interesting: b something blah something blah something (Jones *et al*, 2006). Blah blah, blah blah, blah blah blah.

Reference List

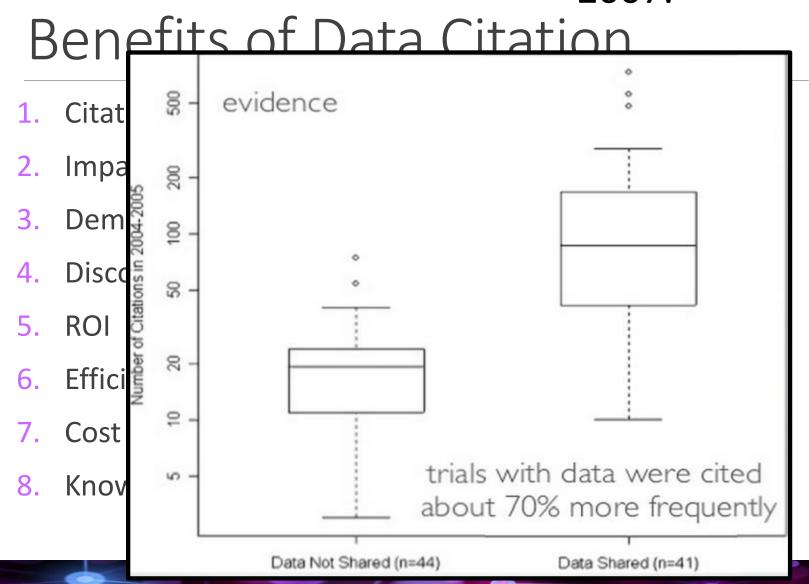
Jones, C., Smith, A., Garcia, D. & Lee, A. B. (2006). Ce-something. *Something Interesting*, 40, pp50-55.

Lee, A. B. (2005). An Organisational Theory Of Somethin, NY: Reference Book

Smith, A. (2005). E-something. In: Black, A. & White, B. (Eds.), An Introduction To Something, 30-52. Edinburgh: Textbook.



Piwowar et al. 2007.





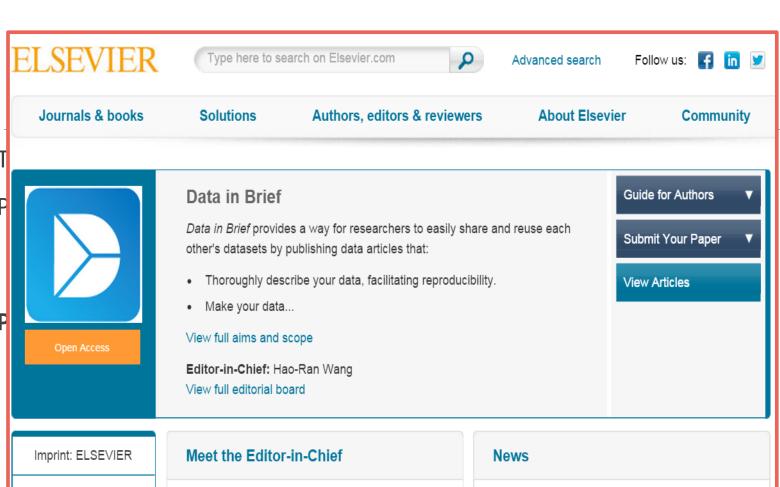
Funder Requirements & Data

Social Sciences and Humanities Research Council (SSHRC)

- SSHRC requires that all data collected with the help of SSHRC funds be made available to other researchers.
- Costs eligible expenses

Canadian Institutes of Health Research (CIHR)

- Deposit data (bioinformatics, atomic, molecular coordinate data, etc.) into an appropriate public archive immediately upon publication of research results.
 - Deposit into existing discipline-based archives (e.g. GenBank) or other appropriate public archive (e.g. University-based archives such as Scholars Portal Dataverse).



ISSN: 2352-3409

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Editor-in-Chief of Data in Brief, Hao-Ran Wang

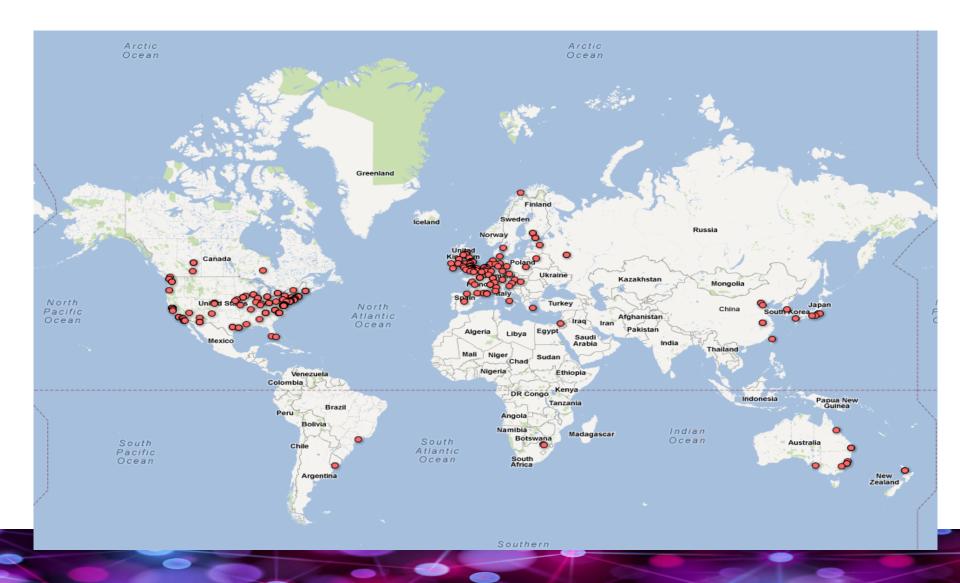
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Listen to this new "Publishing data initiatives" podcast!

Supporting data-sharing to speed up innovation in Materials Science

Elsevier's open data initiative, including Data in Brief, will provide new ways of storing, sharing

Over 500 Data Repositories Established



Share / Publish Your Data via a Data Repository





Scholars Portal Dataverse

A Service of the Ontario Council of University Libraries

A partner in social science research

Create citable data...

Before publishing/sharing your data:

- 1. Can/should your data be open, embargoed or mediated access or closed
- 2. Data cleansing & file formats
- 3. Copyright & contractual agreements
- 4. Secure storage to enable ongoing management & access
- 5. Provide a publically available metadata record that describes the data/collection, including citation information.

Recommended: assign a unique DOI (Digital Object Identifier) to your data.



Data Elements for Which a Citation can be added

- 1. Dataset
- 2. Descriptive information about the dataset
- 3. Dataset components





Data Citation Challenges

- 1. No widely used method to identify datasets
- No widely used method to cite datasets
 Data citation standards vary across disciplines and publishers.
- 3. Effective way to link between articles and datasets.
- 4. Metadata layers and granularity:
 - Data collection
 - Datasets
 - Data items

How to Cite Data

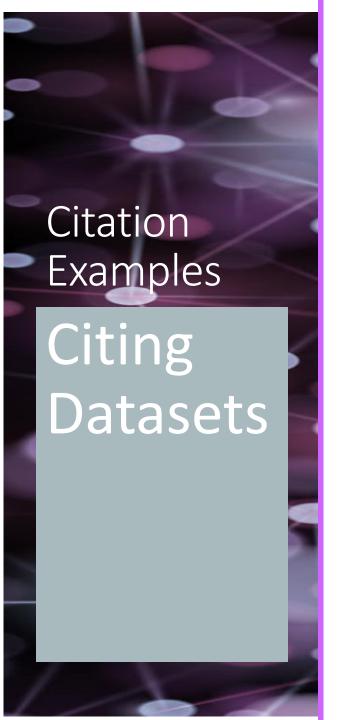
Data can be cited using a standard reference format like other publications.

Key Citation Elements

Author	The creator of the dataset. This can be an individual, a group of individuals, or an organization.			
Publication date	 Whichever is the later of: the date the dataset was posted online the date all quality assurance procedures were completed. 			
Title	 Name of the data set or the name of the study, and main collection and sub-collection (if any) of which the dataset is a part. 			
Location (Unique identifier)	 A unique identifier for the data, according to a persistent scheme e.g. Digital Object Identifier. 			

Additional Citation Elements

Edition	The level or stage of processing of the data, indicating how raw or refined the dataset is.					
Version	• Is there a version or edition number associated with the data set, denoting any data changes, as the result of adding more data points or re-running a derivation process?					
Feature name and URI.	The name of an ISO 19101:2002[11] 'feature' (e.g. GridSeries, ProfileSeries) and the URI identifying its standard definition, used to pick out a subset of the data.					
Resource Type	E.g. Database, dataset					
Publisher & Publisher Location	The entity responsible for producing / hosting and/or distributing the data or performing quality assurance. Their physical location.					
Unique Numeric Fingerprint (UNF)	 A short, fixed-length string of numbers and characters that summarize all the content in the data set, such that a change in any part of the data would produce a completely different UNF. A way to ensure no changes have taken place since the citation. 					
Producer and/or distributor	 The producer:: organization that sponsored the author's research and/or made the creation of the data set possible, such as codifying and digitizing the data. The distributor: organization that makes the data set available for downloading and use. 					







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Excavations at St Peter's Church, Barton-upon-Humber

H E M Cool, Mark Bell, 2011

Introduction Overview Downloads Metadata Usage Statistics

Data copyright © Barbican Research Associates unless otherwise stated

Resource identifiers

ADS Collection: 1030

Collection doi:10.5284/1000389

How to cite using this DOI

Primary contact

Dr H E M Cool Director Barbican Research Associates 16 Lady Bay Road West Bridgford

Introduction

St Peter's Church at Barton-upon-Humber (TA 0347 2194) was declared redundant in 1972 and taken into public guardianship in 1978 by the then Department of Environment. Given that it had long been recognised that it had a late Saxon origin, a major programme of excavation and survey was instituted. This explored the church and its churchyard, and ran from 1978 to 1984 under the direction of Warwick Rodwell. The programme has meant that this is the most intensively studied and recorded parish church in the country. It also produced the largest collection of human remains ever excavated in the UK. The latter provide a unique insight into the population of a small, relatively isolated, market town over 900 years.

The results of the project are being published in two letterpress volumes with parts of volume 1 and the database constructed during the post excavation project available here. The database contains data from both volumes including full osteological information for all the burials. The summaries for both volumes are also available here as downloadable files.



Dataset

E.G.1

Rodwell, W. with Atkins, C. 2011. St Peter's, Barton-upon-Humber, Lincolnshire - A Parish Church and its Community. Volume 1: History, Archaeology and Architecture, (Oxbow Books, Oxford).

Waldron, T. 2007. St Peter's, Barton-upon-Humber, Lincolnshire - A Parish Church and its Community. Volume 2: The Human Remains, (Oxbow Books, Oxford).

All the work has been funded by English Heritage and its predecessors. Any enquiries concerning access

http://archaeologydataservice.ac.uk/archives/view/bartonhumber_eh_2010/index.cfm

Excavations at St Peter's Church, Barton-upon-Humber



Dataset Metadata

Location	British Isles and North Lincolnsh Midlands	l Ireland; World; Europe; United Kingdom; England; iire; Barton-upon-Humber [7010361]; England; East				
Grid reference	OSGB	503470 421940				
Grid reference	Latitude longitude bounding box	-0.4352812943 53.6839955066 -0.4340308649 53.6834584466				
Subject	FISH Archaeological Objects (England)	COIN				
	FISH Archaeological Objects (England)	Human Bone				
	FISH Archaeological Objects (England)	FLOOR TILE				
	FISH Archaeological Objects (England)	PIN				
	FISH Archaeological Objects (England)	BEAD				
	FISH Archaeological Objects (England)	CERAMIC				
	Library of Congress Subject Headings	Archaeology				
	Monument Type (England)	CHURCH				
	Monument Type (England)	ENCLOSURE				
	Monument Type (England)	INHUMATION CEMETERY				
Period	MIDAS MIDAS	Early Medieval Medieval				
Project dates	Created From Created To	01-JAN-1974 30-NOV-2010				
	First Released Last Modified	10-MAR-2011 10-MAR-2011				
Related	Associated Collection	Waldron, T. 2007. St Peter's, Barton-upon-Humber Lincolnshire - A Parish Church and its Community. Volume 2: The Human Remains, (Oxbow Books, Oxford).				
information	Associated Collection	Rodwell, W. with Atkins, C. 2011. St Peter's, Barton-upon-Humber, Lincolnshire - A Parish Church and its Community. Volume 1: History, Archaeology and Architecture, (Oxbow Books, Oxford).				
File types	PDF	19 files				
available	CSV	45 files				

Excavations at St Peter's Church, Barton-upon-Humber.

Dataset:

File types:

PDF: 19 files

CSV: 45 files

Dataset Citation Styles – Key Elements Author, Pub Date, Title, Location

(Unique ID)

APA

Cool, H. E. M., & Bell, M. (20115. Excavations at St Peter's Church, Barton-upon-Humber [Data set]. doi:10.5284/1000389

Chicago

Cool, H. E. M., and Mark Bell. Excavations at St Peter's Church, Barton-upon-Humber (accessed May 1, 2015). doi:10.5284/1000389.

MLA

Cool, H. E. M., and Mark Bell. "Excavations at St Peter's Church, Barton-upon-Humber." Archaeology Data Service, 2001. Web. 1 May 2011. http://dx.doi.org/10.5284/1000389.

Oxford

Cool, H. E. M. & Bell, M. (2011) Excavations at St Peter's Church, Barton-upon-Humber [data-set]. York: Archaeology Data Service [distributor] DOI 10.5284/1000389.



Title:	Archaeological Fish Bone Images Archive Tables	Datase			
Authors:	Colley, Sarah Department of Archaeology Faculty of Arts	Datase E.G.			
Keywords:	fishes archaeological fish bones Sydney fishes fish taxonomy New South Wales NSW Fisheries Commission Report 1880 fishing fish bone images archaeozoology				
Issue Date:	18-Jun-2010				
Abstract:	Tables (List of Fishes, Fish Taxon Names and Codes, Fish Anatomy Names and Codes and '1880s NSW Fisheries Commission Information'), data indexes and explanation of data relationships. Part of the 'Archaeological Fish-Bone Images' archive (http://hdl.handle.net/102.100.100/127)also registered with Research Data Australia (http://services.ands.org.au/home/orca/rda/view.php?key=102.100.100%2F134) and the on-line publication: Colley, S. and R. Brownlee 2010 'Archaeological Fish Bones On-Line: a digital archive of Sydney fishes' published in 'Internet Archaeology'				
Description:	Reports research conducted by Sarah Colley for the Sydney Fish Project Stage 1. The content, coding and data structures are also useful for other researchers who wish to document and interpret fish remains from other comparable archaeological sites. Includes interpretation of Aboriginal and colonial fish and fishing in the Sydney region from before and after AD1788 based on archaeological, historical and environmental information.				
URI:	http://hdl.handle.net/2123/6253				
Department/Unit/Centre:	Department of Archaeology Faculty of Arts				
Type of Work:	Dataset				
Appears in Collections:	Research Papers and Publications. Archaeology				

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Optional Citation Element: Version

Creator (Publication Year): Title. Version. Publisher. Identifier

Version (Edition)

Colley, Sarah. (2010) Archaeological Fish Bone Images Archive Tables. 1st edition. Sydney eScholarship Repository Sydney.

http://ses.library.usyd.edu.au/handle/2123/6253

Current Population Survey: Annual Demographic File, 1987 (ICPSR 8863)

Principal Investigator(s): United States Department of Commerce. Bureau of the Census; United States Department of Labor. Bureau of Labor Statistics

Summary:

This data collection supplies the standard monthly labor force data and also provides supplemental data on work experience, income, noncash benefits, and migration. Comprehensive information is given on the employment status, occupation, and industry of persons 14 years old and over. Additional data for persons 15 years old and older are available concerning weeks worked and hours per week worked, reason not working full time, total income and income components, and residence on Ma... (more info)

Series: Current Population Survey Series

Access Notes

• These data are available only to users at ICPSR member institutions. Because you are not <u>logged in</u>, we cannot verify that you will be able to download these data.

Dataset(s)

Dataset - <u>Download All Files</u> (126.6 MB)

Documentation: <u>Codebook.pdf</u>

Data: ASCII



This study is provided by ICPSR.
ICPSR provides leadership and training in data access, curation, and methods of analysis for a diverse and expanding social science research community.

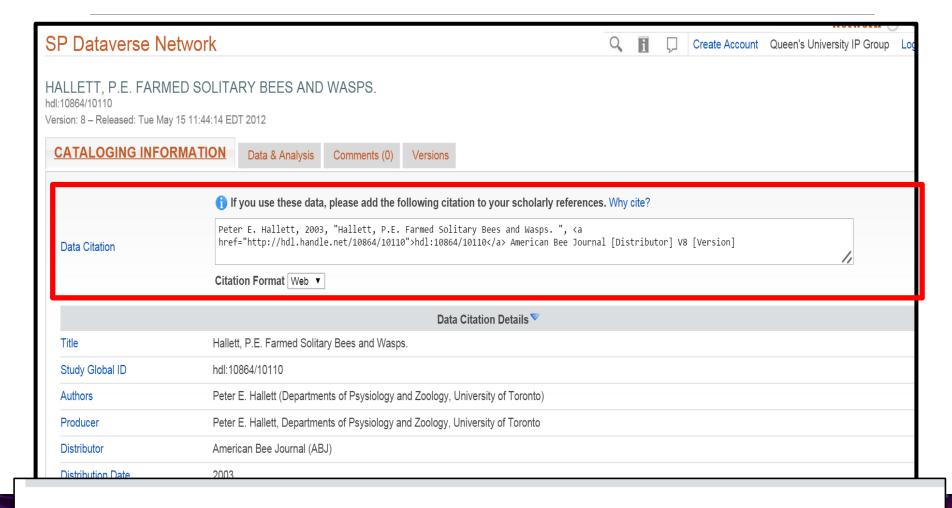
Dataset E.G. 3

Optional Citation Element: Resource Type

Creator. Title. Resource Type. Version. Publisher Location: Distributor. Publication Year. Identifier.

United States Department of Commerce. Bureau of the Census, and United States Department of Labor. Bureau of Labor Statistics. Current Population Survey: Annual Demographic File, 1987 [Computer file]. ICPSR08863-v2. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2009-02-03. doi:10.3886/ICPSR08863

Scholars Portal Dataverse



Citing Data that May Change Over Time

- Different versions should have a unique DOI
- Always include the data accessed in your citation
- •If the data changes rapidly include the time accessed.
- •Consult your repository service for evolving discipline norms.

If Your Data Repository or Journal Does Not Provide a Recommended Citation DataCite



Use DataCite's recommended citation format:

Creator (Publication Year): Title. Publisher. Identifier.

Creator (Publication Year): Title. Version. Publisher. Resource Type. **Identifier**

E.g.

Irino, T; Tada, R (2009): Chemical and mineral compositions of sediments from ODP Site 127-797. Geological Institute, University of Tokyo.http://dx.doi.org/10.1594/PANGAEA.726855.

If you have a DOI but no suggested citation format

DataCite Citation Formatter: http://crosscite.org/citeproc/

DOI Citation Formatter beta



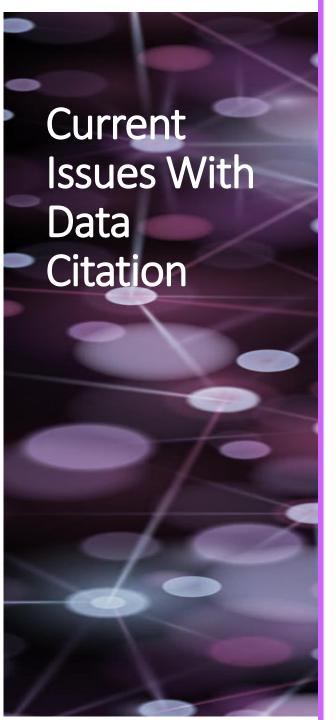






DOI:	doi:10.1038/ng.785	Style: apa	▼ Locale:	en-US	▼ Format

Giardine, B., Borg, J., Higgs, D. R., Peterson, K. R., Philipsen, S., Maglott, D., ... Patrinos, G. P. (2011, March 20). Systematic documentation and analysis of human genetic variation in hemoglobinopathies using the microattribution approach. Nat Genet. Nature Publishing Group. http://doi.org/10.1038/ng.785





Granularity & Attribution

Datasets:

- May form part of a collection
- May be made up of several files, containing several tables, many data points.
- May not be obvious what would constitute an intellectual whole.

Attribution:

 A dataset is assembled from many, many contributions and contributors...

Conventions for doing this have yet to be established

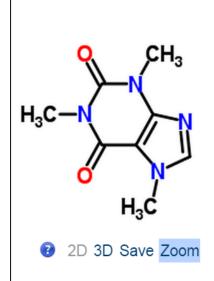
•For authors:

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- If a finer level of granularity is required, the in-text citation should provide the reader with the information needed to find the subset
- For in-text citations, indicate the page, chapter, figure, or table within the parenthetical citation.
 - if the repository provides identifiers at several levels of granularity, the finest-grained level that meets the need of the citation should be used in the bibliography, to minimise the additional information needed.

Alex Bell and Monica Duke. (2015) How to Cite Datasets and Link to Publications. Digital Curation Centre. Link

American Chemical Society (ACS) Style

RSC ChemSpider database of chemicals



Caffeine

ChemSpider ID: 2424

Molecular Formula: C₈H₁₀N₄O₂ Average mass: 194.191 Da

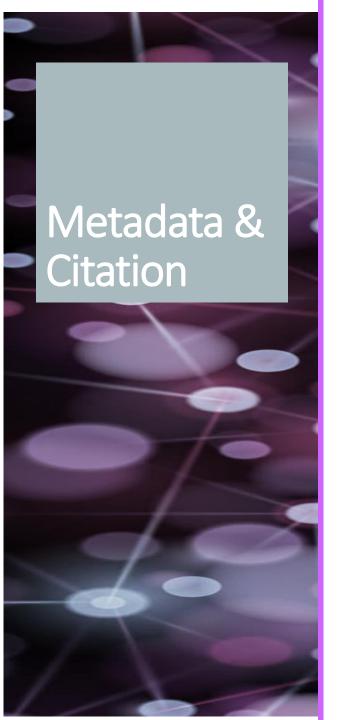
Monoisotopic mass: 194.080383 Da

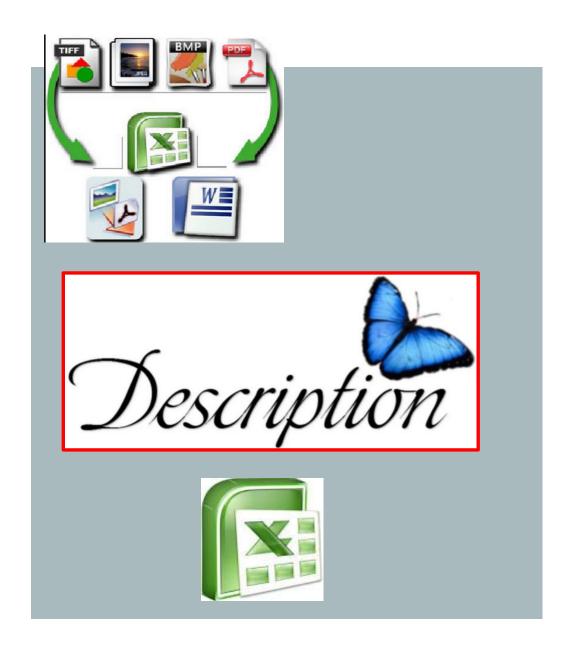
▼ Systematic name

1,3,7-Trimethyl-3,7-dihydro-1H-purine-2,6-dione

- SMILES and InChis
- Cite this record

CSID:2424, http://www.chemspider.com/Chemical-Structure.2424.html (accessed 20:43, May 9, 2015) Copy





Metadata & Citation

- Your data publishers / distributor / repository should include a unique citation to the metadata describing the dataset
 - Useful for users and enables greater flexibility of output
 - Useful when exporting records to bibliographic software such as EndNote and Mendeley.
 - Citation metadata facilitates reuse of citation information data citation tracking and indexing services e.g. Thomson Reuters Data Citation Index.



DataCite Metadata Schema

Identifier (with type attribute)

 The identifier is a unique string that identifies a resource – the allowed value is the DOI

Creator (with type and name identifier attributes)

The main researchers involved in producing the dataset

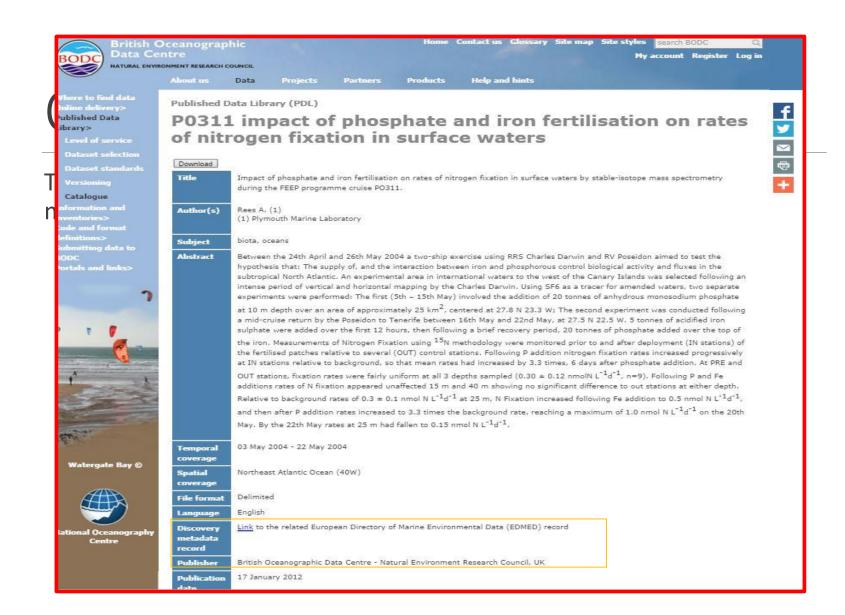
Title (with optional type attribute)

A name by which the resource is known

Publisher

Publication Year

The year in which the data was or will be made publicly available



Metadata Citation Example:

Recommend citation style:

Creator (Publication Year): Title. Publisher. Identifier.

Citation:

Rees, A.P.; (2012): Impact of phosphate and iron fertilisation on rates of nitrogen fixation in surface waters by stable-isotope mass spectrometry during the FEEP programme cruise PO311. British Oceanographic Data Centre (BODC), Natural Environment Research Council (NERC). http://dx.doi.org/10.5285/6B0962C8-574B-473B-A18A-1F9AC95AA7BF

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Services

Adding value to your research through data registration

DataCite Canada's data registration service provides Canadian data centres and libraries with a mechanism for registering research data and assigning digital object identifiers (DOIs) to them.

DOIs help data producers take control of the management of their research, share, get credit for it and build their reputation through data citations. DOIs also make research data easier to access, reuse and verify, thereby making it easier to build on previous work, conduct new research and avoid duplicating already existing work.

Our data registration service requires organizations to first register for an account. To find out how, see our **Information for Prospective Clients** section.

DataCite Canada's services are offered in cooperation with DataCite, an international consortium of national-scale

access to research data on the Internet. DataCite Canada is DataCite's DOI allocation agent for Canada.

Metadata Searches

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 (This link takes you to the DataCite (international)
 Metadata Search page, where you can search over one
 million registered datasets from around the world.)
- View all research data registered by DataCite Canada

(This link allows you to view only those research

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Email: datacite.cisti@nrccnrc.gc.ca

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DataCite Canada update: First DOIs assigned

[More news]

DataCite - a global registration agency for research data

DataCite Canada is part of the broader international DataCite initiative...
[More about DataCite]

DataCite Content Service Beta

doi:10.5443/11378

This page represents DataCite's metadata for doi:10.5443/11378.

For a landing page of this dataset please follow http://dx.doi.org/10.5443/11378

Citation

Winton, Alexandra; McLeod, Georgette; Neufeld, David; Roburn, Shirley; Friendship, Katelyn; Neufeld, Erin; Hume, Trish; Parsons, Sue; Olson, Jackie; (2012): Documenting traditional knowledge in relation to climate change and its effects in Tr'ondëk Hwëch'in traditional territory; Canadian Cryospheric Information Network. http://dx.doi.org/10.5443/11378 RIS BIBTEX

Descriptions

Abstract

Tr'ondëk Hwëch'in is a self-governing First Nation that signed a Final Agreement with the Yukon Government and Canada in 1998. Tr'ondëk Hwëch'in offers a variety of year-round programming to the community of Dawson City, Yukon and many of these programs are supported by information collected through the documentation of traditional knowledge. Our IPY project involved multiple phases, including field research, oral history interviews, community mapping, and academic partnerships. Other important aspects of this project included training for youth, and increasing local awareness about climate change. Over a period of nearly two years, the Tr'ondëk Hwëch'in Heritage Department conducted over

Data & Attribution



Contributions

B.G., J.B., R.C.H. and G.P.P. conceived and designed the study. B.G., J.B. and D.M. implemented the process, built and populated the databases. K.R.P., F.C.C. and H.F. performed experiments. B.K.S., D.J.A., A.N.B., B.C., P.F., A.E.F., A.F., R.G., M.V.E.G., M.G., R.J.G., P.C.G., C.L.H., J.D.H., M.J., P.J., E.K., P.K., S.M., K.M., J.O., A.P., M.N.P., P.P., S. Pavlovic, L.P., M.R., S.S., I.S., M.S., S.L.T., J.T.-S., R.T., T.W., J.S.W., C.W., B.Z. and G.P.P. contributed data. B.G., J.B., D.R.H. and S. Philipsen analyzed results. R.C.H. and G.P.P. supervised data analysis. D.M., W.M., C.R., D.H.K.C. and H.W. provided expertise and infrastructure. B.G., J.B., D.R.H., K.R.P., S. Philipsen, R.C.H. and G.P.P. wrote the paper.

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日本語要線

Syste gene micro

Belinda (Donna M C Costa, Monica V Hartevelo

Nature Go

Affiliation

Competing financial interests

The authors declare no competing financial interests.

Corresponding author

Correspondence to: George P Patrinos

Supplementary information

Abstract · Change history · References · Author information · Supplementary information

DF files

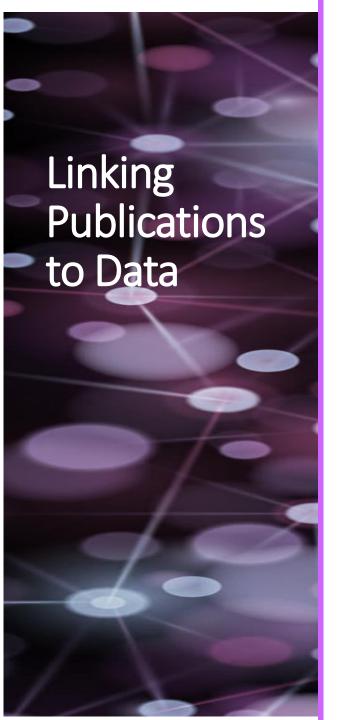
Supplementary Text and Figures (528K)
 Supplementary Figures 1–5, Supplementary Table 2 and Supplementary Note

Excel files

Supplementary Table 1 (1.5M)
 Microattribution Tables

"Supplementary Data" section: Table listing each contribution and the agent responsible. Where possible, standard identifiers (for both contributions and contributors) are used to abbreviate the entries.

#dbID HGVS ALOX5AP_00001 NM_C ALOX5AP_00002 NM_C ALOX5AP_00003 NM_C AQP9_00001 NM_C ARG2_00002 NM_C ARS1_00001 NM_C ASS1_00002 NM_C ASS1_00003 NM_C ASS1_00003 NM_C ASS1_00004 NM_C	/S name _001629.2:c.323+154T>C _001629.2:c.323+3269T>C _001629.2:c.324-3699A>G _020980.3:c.835A>G _001172.3:c.860-11T>C _001172.3:c.860-426C>A	dbSNP ss#	dbSNP rs# rs4468448 rs4769058	OMIM	Swiss-Prot	Supplementary Table 1 Worksheet 2: Microattrik Researcher ID	bution Information	n Common n
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ASS1_00001 NM_(ASS1_00002 NM_(ASS1_00003 NM_(ASS1_00004 NM_(001172 3·c 860-426C>A	T-	rs10483802	-		HbVar (A-2391-2010)	18275000	-
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ASS1_00003 NM_0 ASS1_00004 NM_0	_000050.4:c.495+1473C>T	-	rs590086	-	-	HbVar (A-2391-2010)	17918249	-
ASS1_00004 NM_0	_000050.4:c.597+18A>G	7.	rs652313	ļ <u>.</u>	-	HbVar (A-2391-2010)	17918249	-
- 100	_000050.4:c.838+2190A>G	2	rs12555797	128	12:	HbVar (A-2391-2010)	17918249	-
	_000050.4:c.839-88A>T	-	rs543048	-	-	HbVar (A-2391-2010)	17918249	-
ATRX_00086 NM_0	_000489.3:c.20+1G>A	5	ē:	-		HbVar (A-2391-2010)	12858175	-
ATRX_00003 NM_0	_000489.3:c.109C>T	-	FI		-	HbVar (A-2391-2010)	10632111	-
ATRX_00004 NM_0	_000489.3:c.187G>T	ŧ	=	-	100	HbVar (A-2391-2010)	18409179	-
ATRX_00005 NM_0	_000489.3:c.236C>G	2	<u>s</u>	24	12	HbVar (A-2391-2010)	12858175	_
ATRX_00087 NM_0	_000489.3:c.242+2T>C	-	R	-8	-	HbVar (A-2391-2010)	16266892	-
ATRX_00088 NM_0	_000489.3:c.370G>T	5	T-1	ļ <u>-</u>	le:	HbVar (A-2391-2010)	16376512	-
ATRX_00089 NM_0	_000489.3:c.390_391insA	2	2)	120	125	HbVar (A-2391-2010)	18409179	-
ATRX_00090 NM_0	_000489.3:c.413_414delAA	-	-	-	-	HbVar (A-2391-2010)	11449489	-
ATRX_00006 NM_0	_000489.3:c.521G>A		5	-		HbVar (A-2391-2010)	19055664	
ATRX_00007 NM_0	_000489.3:c.524G>A	-	4	28		HbVar (A-2391-2010)	10204841	-
ATRX_00091 NM_0	_000489.3:c.528_529insCAA		e.	-		HbVar (A-2391-2010)	9326931	-
ATRX_00093 NM_0	_000489.3:c.536A>G	2	2	24	12	HbVar (A-2391-2010)	8968741	2
ATRX_00008 NM_0	_000489.3:c.565C>G	-	25	-	-	HbVar (A-2391-2010)	16813605	-
ATRX_00009 NM_0	_000489.3:c.568C>G	5	To the state of th	<u>-</u> 0	12	HbVar (A-2391-2010)	9326931	-
ATRX_00010 NM_0	_000489.3:c.568C>T	2	\$	120	125	HbVar (A-2391-2010)	11449489	-
ATRX_00011 NM_0	000489.3:c.569C>T	-	H	-		HbVar (A-2391-2010)	16763962	
ATRX_00012 NM_0						110191 (W-522T-5010)	10/03907	7



Add a <u>digital object identifier</u> (DOI) to the dataset

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Data Recognized as similar status to Articles?

January 14, 2013.. Biographical Sketch(es), has been revised to rename the "Publications" section to "Products".... This change makes clear that products may include, but are not limited to, publications, data sets, software, patents, and copyrights.

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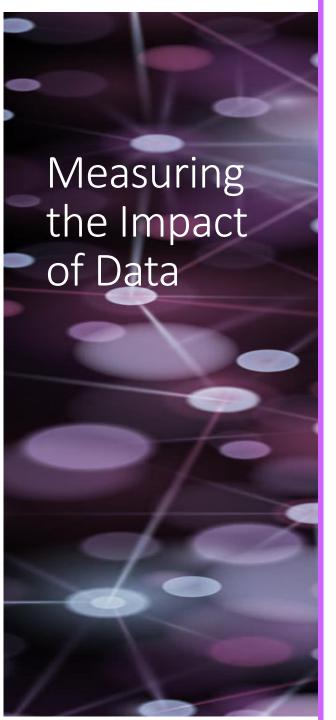
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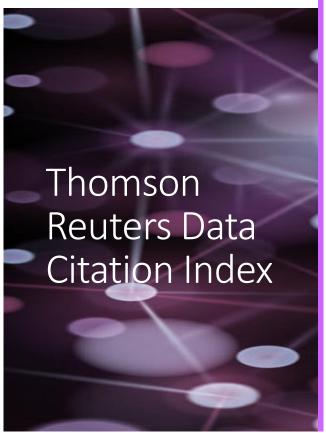
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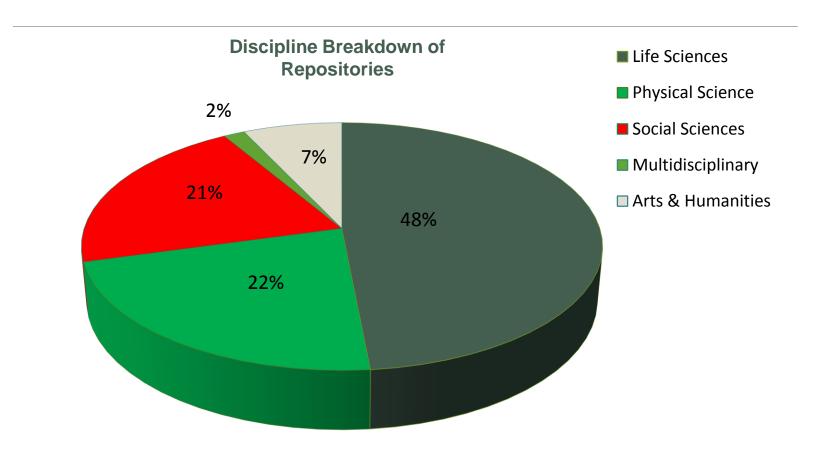
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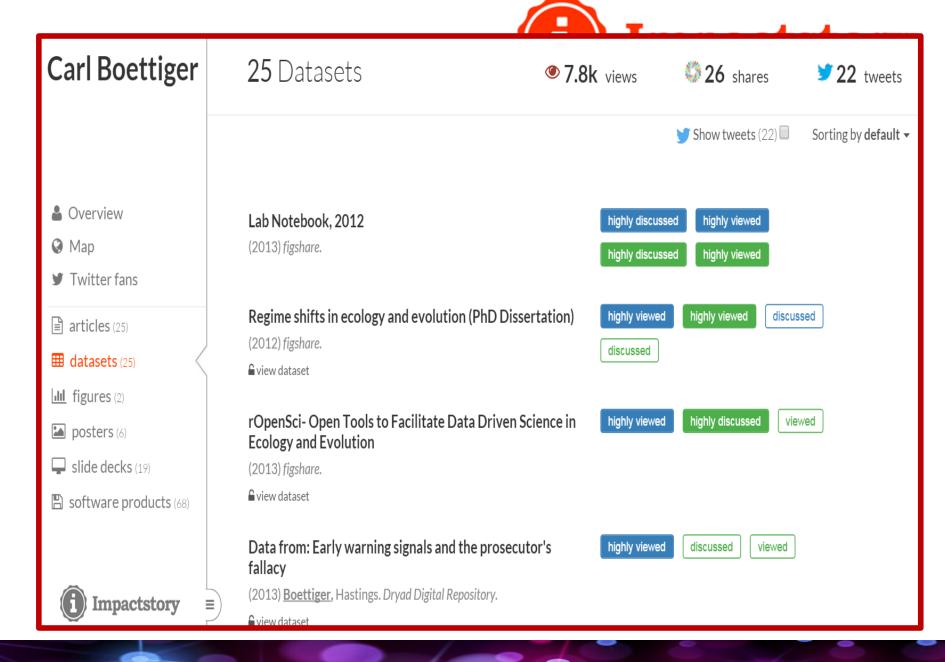
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Summary

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- Deposit your data with a suitable data archive or repository as soon as you are able.
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 easier.

Summary cont...

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