

Incorporating Data Access into Journal Workflow

Mercè Crosas, Ph.D.

Twitter: @mercecrosas

Director of Data Science, IQSS

Harvard University



http://thedata.harvard.edu

The screenshot displays the Harvard Dataverse Network homepage. At the top, it features logos for IQSS (The Institute for Quantitative Social Science), Harvard Library, and the research DATA collaborative. The main heading is "Harvard Dataverse Network" with a search bar and a "Search" button. A large banner highlights the network's statistics: "52,013 Studies, 723,402 Files, 762,639 Downloads". Below this, there are sections for "Dataverses" (630 total) and "Studies" (52,013 total). The "Dataverses" section includes a "Create Dataverse" button and a description of what a dataverse is. The "Studies" section includes a "Create Study" button and a description of what a study is. Both sections list "RECENTLY RELEASED" items with their titles and release dates.

Harvard Dataverse Network

52,013 Studies, 723,402 Files, 762,639 Downloads

Dataverses
630 Dataverses
Create Dataverse

A **Dataverse** is a container for research data studies, customized and managed by its owner.

RECENTLY RELEASED DATAVERSES

Korzennik, Sylvain	Jun 5, 2013
The Golden Rice	Jun 2, 2013
Márquez, Javier	May 31, 2013

Studies
52,013 Studies, 723,402 Files, 762,639 Downloads

A **study** is a container for a research data set. It includes cataloging information, data files and complementary files.

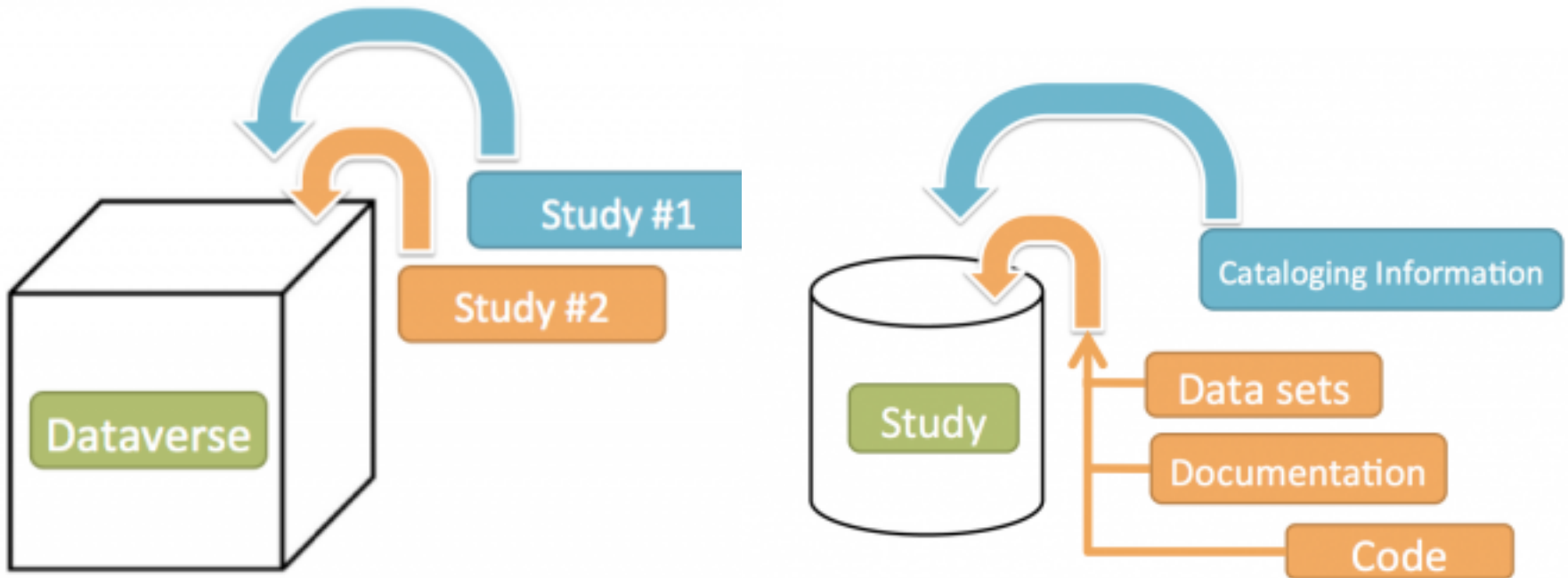
RECENTLY RELEASED STUDIES

2012 Survey of the Performance of American Elections by Stewart, Charles	Jun 6, 2013
Effects of Organized Family Planning Programs on U.S. Adolescent Fertility, 1970-1975 by Jacqueline Darroch Forrest	Jun 6, 2013

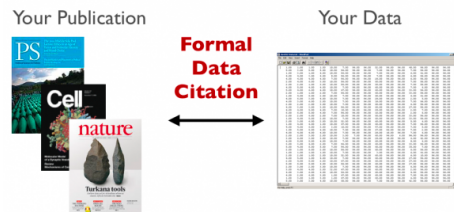
- The **Harvard Dataverse Network** is a data sharing repository open to **all** research data from **all** domains.
- The Dataverse Network software is **open-source**, installed in institutions across the world (**http://thedata.org**)

Dataverse: Container for research studies

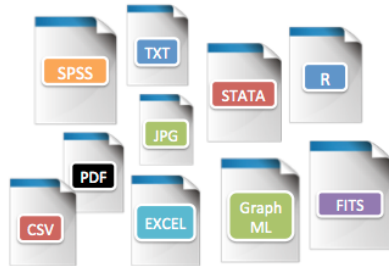
Study: Container for data, documentation, and code



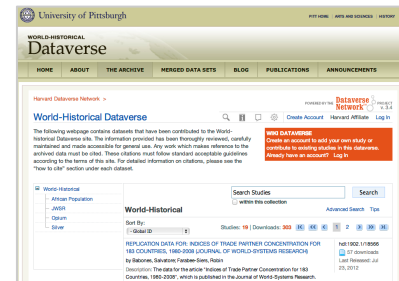
Data sharing and archiving with control and recognition for data authors, distributors



Persistent Data Citations
permanently linking your data to
your publication (Altman, King, 2007)



Support for all file types
any format, max 2 GB per file



Customized Branding
or embed on your site

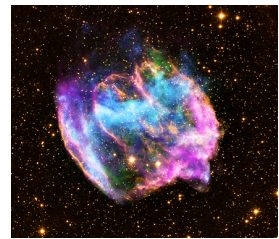


Data Restrictions
& terms of use options, although
encouraging **Open Data**

Rich data support for some data formats



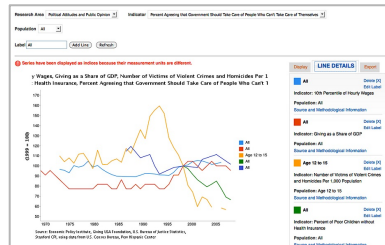
SPSS, Stata, R Data
metadata extraction, subsetting
& analysis (R, Zelig)



FITS Data
metadata extraction from file
header

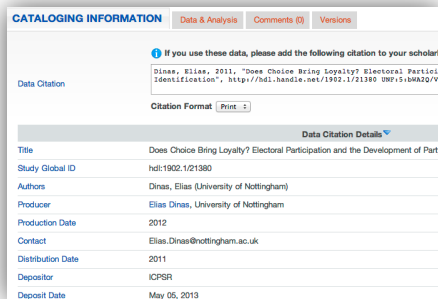


Social Network Data (GraphML)
smart queries & subsetting



Data visualizations
for time series

Data management, standards and archival good practices



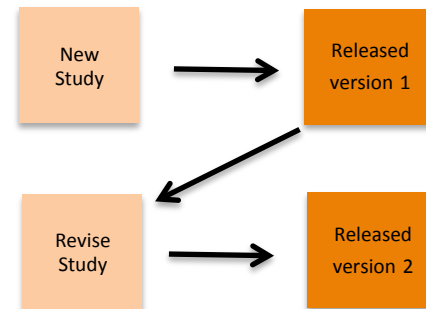
CATALOGING INFORMATION	
Data & Analysis	
Comments (0)	
Versions	
Data Citation	
Citation Format <input type="button" value="Print"/>	
Data Citation Details	
Title	Does Choice Bring Loyalty? Electoral Participation and the Development of Party
Study Global ID	hdl:1902.1/21380
Authors	Dinas, Elias (University of Nottingham)
Producer	Elias Dinas, University of Nottingham
Production Date	2012
Contact	Elias.Dinas@nottingham.ac.uk
Distribution Date	2011
Depositor	ICPSR
Deposit Date	May 05, 2013

Data Cataloging

self-curated, with custom metadata templates (DDI, Dublin Core)

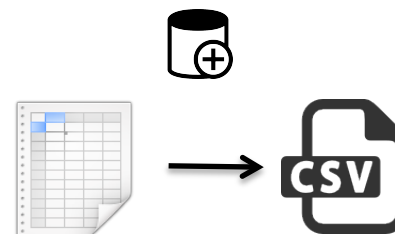


Log traffic & downloads to your dataset with Guestbook



Data Versioning

preserve & cite previous versions



Permanent storage preservation format with w/copies in multiple locations (OAI-PMH, LOCKSS)



John Y. Campbell

Morton L. and Carole S. Olshan Professor of Economics

- Biography & CV
- Outside Activities
- Data Sets
- Talks and Columns
- Papers
- Courses

Harvard Dataverse Network >

POWERED BY THE **Dataverse Network**™ PROJECT v. 3.4

John Y. Campbell Dataverse

🔍 ⓘ 💬 [Create Account](#) [Log In](#)

Search Studies

Search

[Advanced Search](#) [Tips](#)

John Campbell

Sort By:

Studies: **6** | Downloads: **63011**

[Replication data for: Have Individual Stocks Become More Volatile? An Empirical Exploration of Idiosyncratic Risk](#)

by John Y. Campbell; Lettau Martin; Malkiel Burton; Yu Yexiao

hdl:1902.1/DLNOJSGTIA

7181 downloads + analyses

Last Released: Apr 7, 2008

[Replication data for: Who Should Buy Long-Term Bonds?](#)

by John Y. Campbell; Luis Viceira

Description: According to conventional wisdom, long-term bonds are appropriate for conservative long-term investors. This paper develops a model of optimal consumption and portfolio choice for infinite-lived investors with recursive utility who face st...[Continue](#) [+]

hdl:1902.1/FZLJAXFHBW

1875 downloads + analyses

Last Released: Dec 3, 2007

[Replication data for: Consumption-Based Asset Pricing](#)

by John Y. Campbell

hdl:1902.1/UQRPVVDDBHI

13786 downloads + analyses

Dataverse for an Individual Researcher



Datasets

Harvard Dataverse Network >

POWERED BY THE **Dataverse Network** PROJECT v. 3.4

International Food Policy Research Institute (IFPRI) Dataverse



Create Account

Log In

In collaboration with institutions throughout the world, IFPRI is often involved in the collection of primary data and the compilation and processing of secondary data. The resulting datasets provide a wealth of information that we freely distribute as many of these datasets as possible are available. All datasets require proper citation and citation information is included in the dataset description. For more information, please contact Data@cgiar.org or IFPRI-Library@cgiar.org for questions.

Dataverse for an Organization

IFPRI Data by Type and Region

- Country Level
- Geospatial
- Household Surveys
- Institution-level Surveys
- Regional
- Social Accounting Matrix (SAM)

Search Studies

Search

within this collection

[Advanced Search](#) [Tips](#)

Sort By:

- Global ID

Studies: **95** | Downloads: **17888**



A 2007-2008 Social Accounting Matrix for Pakistan

by Debowicz, Dario; Dorosh, Paul A.; Robinson, Sherman; Haider, Syed Hamza

Description: This Social Accounting Matrix (SAM) was built for the year 2007–2008 for Pakistan. The proposed approach to estimating SAMs is motivated by an information theoretic approach to estimation (Judge & Mittelhammer, 2012) that takes a Bayesian ...

[Continue \[+\]](#)

hdl:1902.1/19361

73 downloads

Last Released: May 8, 2013

The Review of Economics and Statistics

Harvard Dataverse Network >

POWERED BY THE **Dataverse Network**™ PROJECT v. 3.4

Review of Economics and Statistics Dataverse

    [Create Account](#) [Log In](#)

This page contains replication data and code for the articles published in the Review of Economics and Statistics. Please notice that most articles in volumes previous to volume 92 were not subject to the journal's data availability policy.

OPEN DATAVERSE

Create an account to add your own study to this dataverse. Already have an account? [Log In](#)


Review of Economics and Statistics

Search Studies

within this collection

[Advanced Search](#) [Tips](#)

Sort By:

Studies: **218** | Downloads: **21264** 

Replication data for: Incentive Mechanisms for Safe Driving: A Comparative Analysis with Dynamic Data	hd1:1902.1/11853  49 downloads Last Released: Apr 13, 2012
... Characteristics and Framing Effects in	hd1:1902.1/12671  25 downloads Last Released: Jan 17, 2012
Replication data for: Innovative Capability and Financing Constraints for Innovation: More Money, More Innovation? by Hottenrott, Hanna; Peters, Bettina	hd1:1902.1/13690  35 downloads Last Released: Jan 28, 2013
Replication data for: On the International Effects of Inflation Targeting	hd1:1902.1/14896  239 downloads + analyses

Dataverse for a Journal

Seamless Integration between Dataverse and Journals



PKP's Open Journal System (OJS)

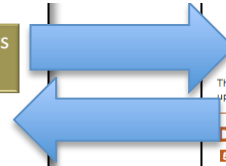
Harvard Dataverse Network

The screenshot shows the homepage of the journal 'Ethics & Global Politics'. It features a navigation menu with links like HOME, ABOUT, LOG IN, REGISTER, CURRENT VOLUME, ARCHIVES, and EDITORIAL BOARD. A central text block describes the journal as an open access, peer-reviewed scholarly journal. The COAction logo is visible in the top right corner.

The screenshot shows the Harvard Dataverse Network homepage. It includes logos for IQSS, Harvard Library, and the Research Data Collaborative. The tagline is 'Share, Cite, Reuse, Archive Research Data'. A search bar is present, and statistics show 524 Datasets and 51,983 Studies. A 'Create Dataverse' button is also visible.

Citation to Data

E-Alerts
Sign-up
Here



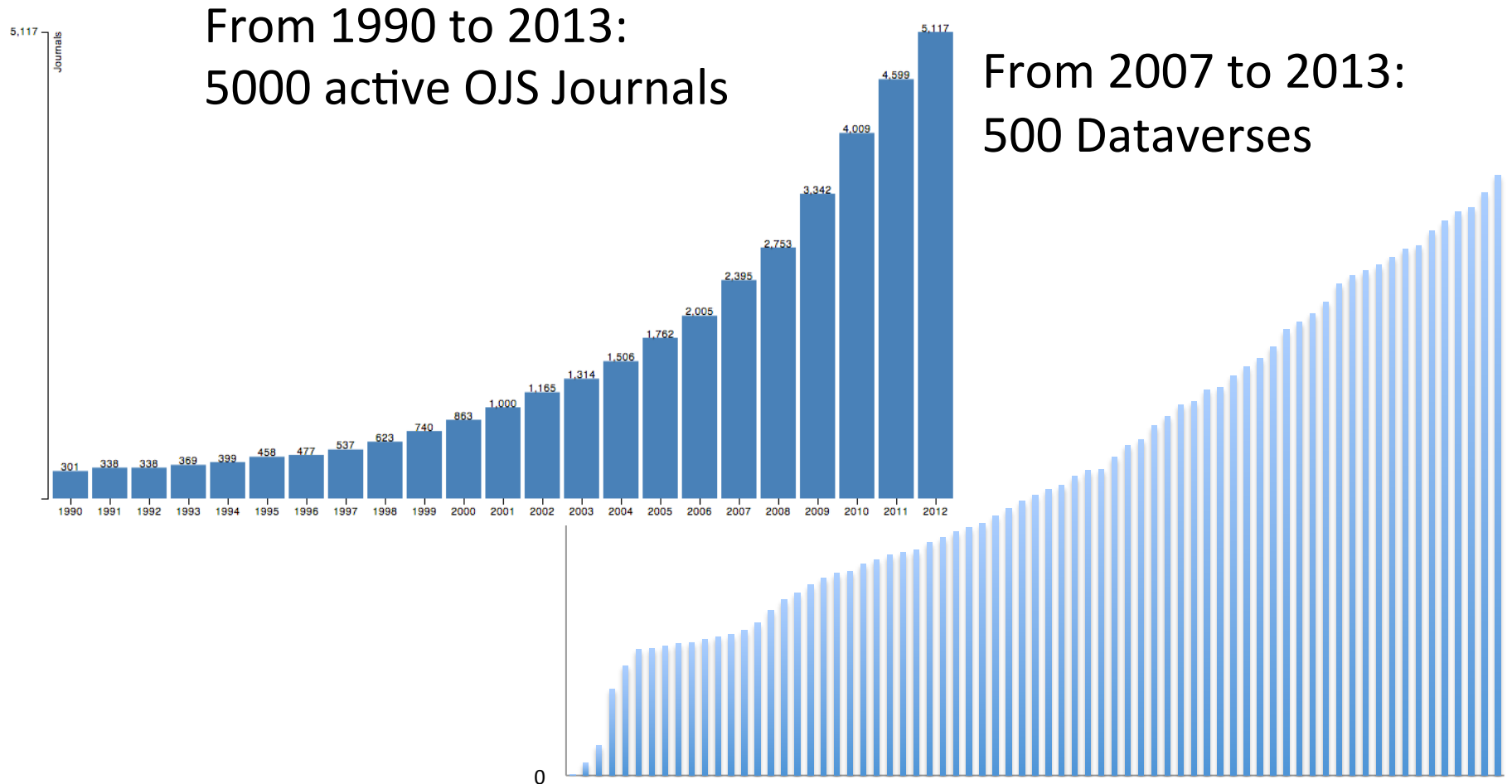
Citation to Article

OJS plugin for:
Data + metadata + supporting files,
sent via SWORD API
to the Dataverse

OJS Journals and Dataverses Growth

From 1990 to 2013:
5000 active OJS Journals

From 2007 to 2013:
500 Dataverses



Dataverse Plugin in OJS

Dataverse Demo Journal

[HOME](#) [ABOUT](#) [USER HOME](#) [SEARCH](#) [CURRENT](#) [ARCHIVES](#) [OPEN JOURNAL SYSTEMS](#)

[Home](#) > [User](#) > [Journal Management](#) > **Dataverse Plugin**

Dataverse Plugin

DATAVERSE [SETTINGS](#)

Configure Dataverse connection.

Dataverse URL *

Username *

Password *

* Denotes required field

[Journal Help](#)

SUBSCRIPTION
[My Subscriptions](#)

USER
You are logged in as...
admin

- [My Journals](#)
- [My Profile](#)
- [Log Out](#)

NOTIFICATIONS

- [View](#)
- [Manage](#)

JOURNAL CONTENT
Search

First, set up a Dataverse for each Journal

Step 4. Uploading Data Files

1. START 2. UPLOAD SUBMISSION 3. ENTER METADATA 4. **UPLOAD DATA FILES** 5. CONFIRMATION

You may provide access to data files and other supplementary materials related to your work. Upload files to the journal's Dataverse or provide a citation and link to data already published online.

Upload Data Files

ID	TITLE	ORIGINAL FILE NAME	DATE UPLOADED	ACTION
5	Untitled	19-282-1.csv	05-24	EDIT DELETE

Choose **data** type *

CSV (w/ SPSS card) ▾

Some file types can be subset and analyzed using the Dataverse Network analysis tools. Learn more about [subsettable data files](#).

Upload data file *

No file chosen

Terms of use *

I agree to the [terms of use](#) governing the submission of data files to the journal's Dataverse.

Link to Data Files

If your data is already published in a repository, please provide a citation and link. Please note that for review purposes, your data must be published and/or otherwise downloadable.

ID	CITATION	PERSISTENT ID	DATE ADDED	ACTION
6	[citation]	hdl:00001/0002	05-24	EDIT DELETE

Citation *

Persistent Identifier *

Provide a persistent identifier, e.g., DOI or HANDLE.

SUBSCRIPTION

[My Subscriptions](#)

USER

You are logged in as...

jenauthor

- [My Journals](#)
- [My Profile](#)
- [Log Out](#)
- [Log Out as User](#)

NOTIFICATIONS

- [View \(4 new\)](#)
- [Manage](#)

JOURNAL CONTENT

Search

All ▾

Browse

- [By Issue](#)
- [By Author](#)
- [By Title](#)
- [Other Journals](#)

FONT SIZE

INFORMATION

- [For Readers](#)
- [For Authors](#)
- [For Librarians](#)

Step 4a. Upload Data Sets

1. START 2. UPLOAD SUBMISSION 3. ENTER METADATA 4. **UPLOAD DATA SETS** 5. CONFIRMATION

[<< Back to Supplementary Files](#)

Metadata

To index this supplementary material, provide the following metadata for the uploaded file.

Title*	<input type="text" value="Untitled"/>
Author(s) of file	<input type="text"/>
Keywords	<input type="text"/>
Brief description	<div style="border: 1px solid #ccc; height: 150px; width: 100%;"></div>
Category	<input type="text" value="Data Files"/>
Date	<input type="text" value="2012-12-11"/> YYYY-MM-DD Date when data was collected or instrument created.

Metadata fields will be selected ahead of time by journal admin.

Supplementary File

File name	3-18-1-SP.pdf
Original file name	19-282-1-PB.pdf
File size	248KB
Date uploaded	2012-12-11 02:09 PM
<input type="checkbox"/> Present file to reviewers (without metadata), as it will not compromise blind review.	

Replace file Use Save to upload file.

* Denotes required field

Published Article - Linked to Data

Dataverse Demo Journal








[HOME](#) [ABOUT](#) [USER HOME](#) [SEARCH](#) [CURRENT](#) [ARCHIVES](#)

Home > Vol 1, No 1 (2012) > **Klockmo**

Moving toward a recovery-oriented approach in the Swedish mental health system

Carolina Klockmo

ARTICLE TOOLS

-  [Print this article](#)
-  [Indexing metadata](#)
-  [How to cite item](#)
-  [Review policy](#)
-  [Email this article](#)
-  [Email the author](#)
-  [Data Tools](#)

USER

You are logged in as...
pkpadmin

- [My Journals](#)
- [My Profile](#)
- [Log Out](#)

NOTIFICATIONS

- [View \(10 new\)](#)
- [Manage](#)

JOURNAL CONTENT

Search

Browse

- [By Issue](#)
- [By Author](#)
- [By Title](#)
- [Other Journals](#)

Reading Tools

journals.sfu.ca/dataverse/index.php/demo/rt/suppFiles/1/0

demo Reading Tools

Data

Moving toward a recovery-oriented approach in the Swedish mental health system

1. Replication data for: Moving toward a recovery-oriented approach in the Swedish mental health system

Type:	Data Set
Data Citation:	Carolina Klockmo, 2012, "Moving toward a recovery-oriented approach in the Swedish mental health system", hdl:99999/00000
Full Record Available In:	COACTION DATAVERSE NETWORK
Data Tools:	INDEXING METADATA ANALYZE DOWNLOAD

Data in Dataverse - Linked to Published Article

Simon Fraser University Dataverse Network >

POWERED BY THE **Dataverse Network**™ PROJECT v. 3.2

Co-Action Dataverse

🔍 ⓘ 💬 ⚙️ [Eleni Castro](#) [Log Out](#)

REPLICATION DATA FOR: MOVING TOWARD A RECOVERY-ORIENTED APPROACH IN THE SWEDISH MENTAL HEALTH SYSTEM

hdl:TEST/10000

DRAFT Study Version: 1 – No Released Version

Created: Thu Dec 20 11:30:31 PST 2012 – Last Updated: Thu Dec 20 11:32:18 PST 2012

- [Edit Cataloging Information](#)
- [Add File\(s\)](#)
- [Edit Study Version Notes](#)
- [Release](#)
- [Permissions](#)
- [Create Study Template](#)
- [Delete Draft Version](#)

CATALOGING INFORMATION

[Data & Analysis](#)

[Comments \(0\)](#)

[Versions](#)

i If you use these data, please add the following citation to your scholarly references. [Why cite?](#)

Data Citation

```
Klockmo, Carolina, 2012-12-13, "Replication data for: Moving toward a recovery-oriented approach in the Swedish mental health system", http://hdl.handle.net/TEST/10000 V1 [Version]
```

Citation Format

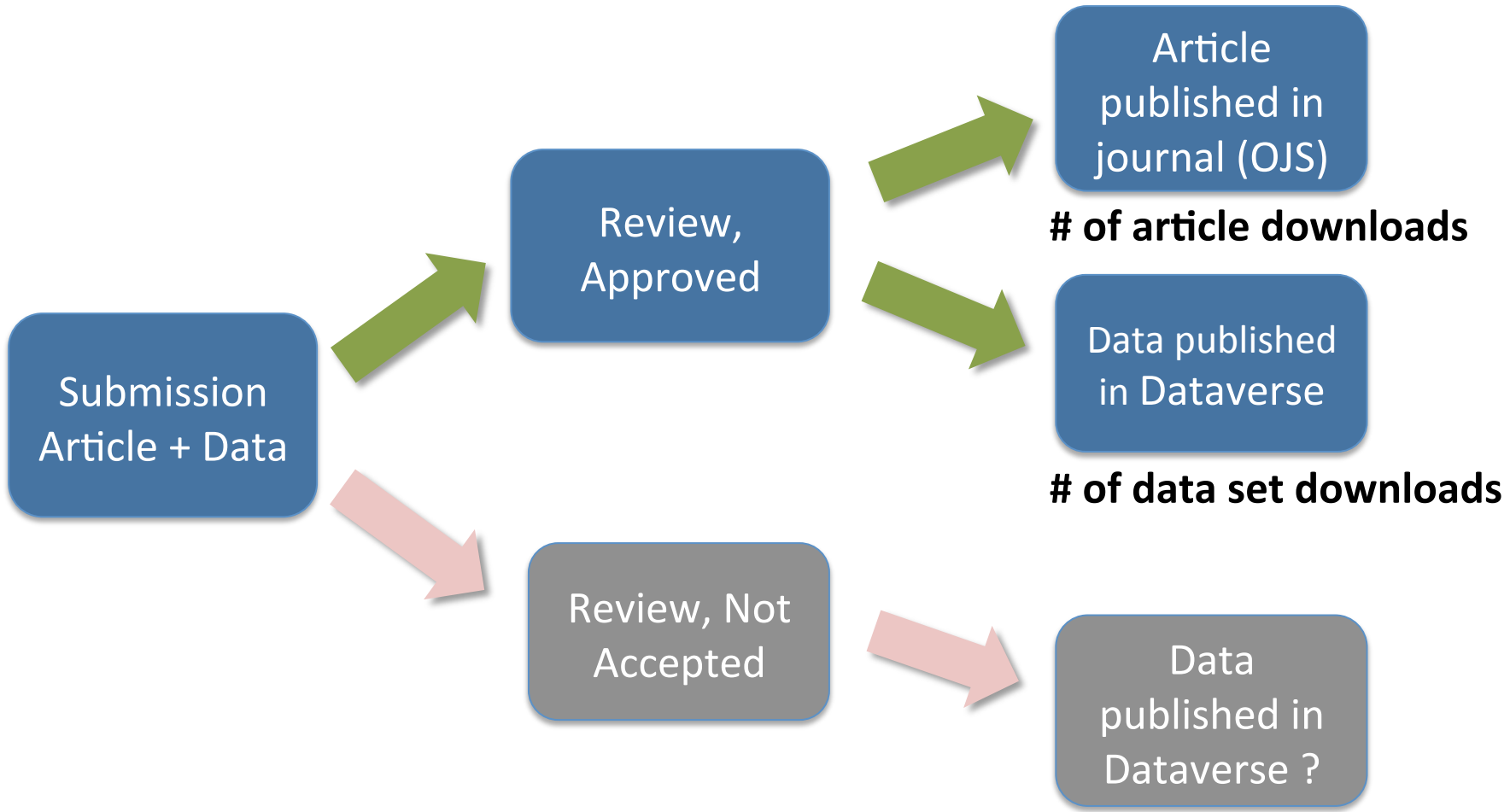
Publications

Vulnerable Groups & Inclusion. <http://dx.doi.org/10.3402/vgi.v3i0.18879>
ID: DOI:10.3402/vgi.v3i0.18879
[Link](#)

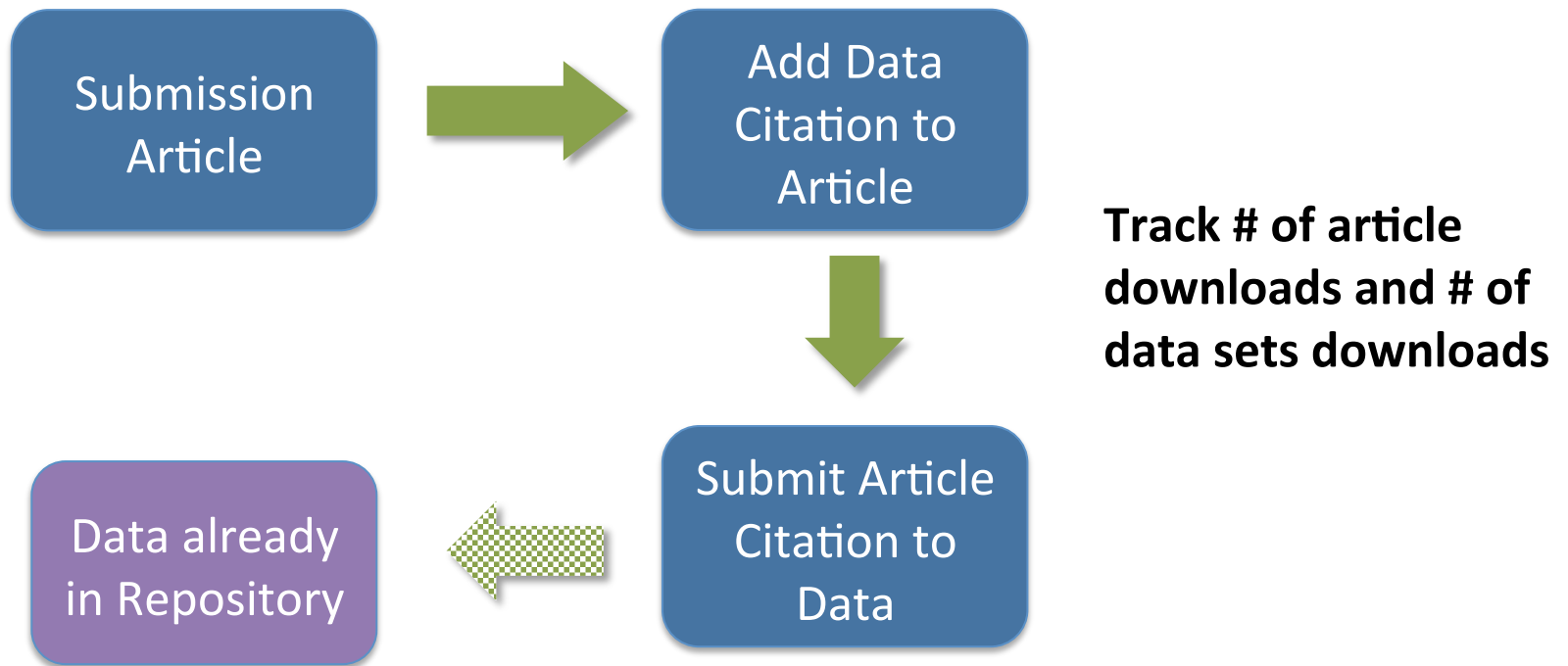
Data Citation Details ▾

Study Global ID	hdl:TEST/10000
Authors	Klockmo, Carolina (Department of Health Sciences, Mid Sweden University)
Production Date	December 13, 2012
Contact	Klockmo, Carolina (Department of Health Sciences, Mid Sweden University), carolina.klockmo@miun.se
Distribution Date	December 13, 2012
Deposit Date	December 13, 2012
Provenance	Co-Action Dataverse

Data Publishing Workflow



Alternative Workflow



Participating Journals and Outreach

Beta Testers Criterion: Current, quantitative OJS journals interested in data sharing

Beta Testers:

43 OJS journals, from 6 publishers (social sciences, health, life sciences)

Summer/Fall
2013

Extended Testers:

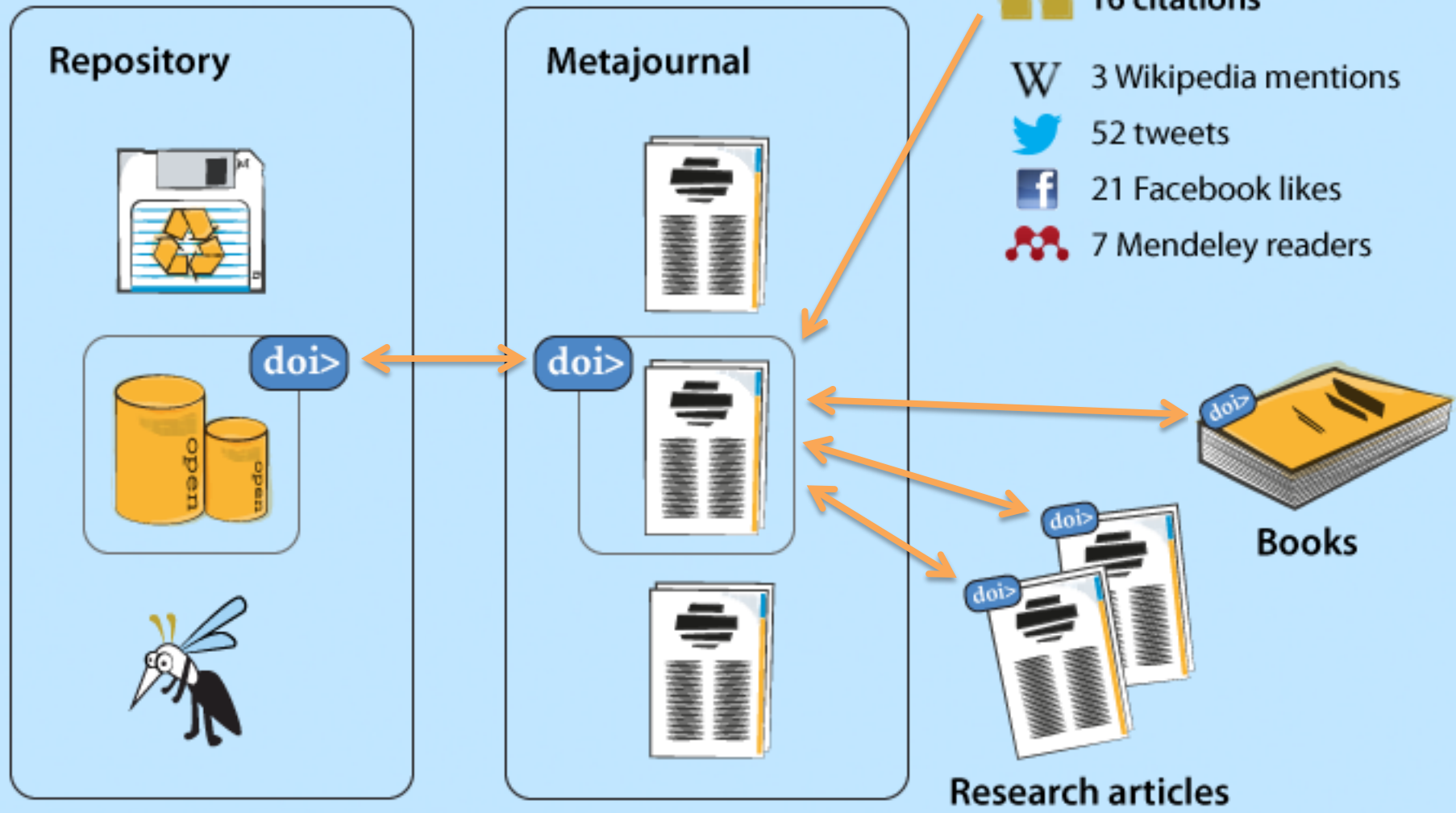
> 400 OJS journals (economics, social sciences, health, life sciences)

Fall 2013/
Winter 2014

Outreach:

Beyond OJS, journals using other publishing systems


Metajournals as incentives



Credit: Brian Hole, **Ubiquity Press** (beta tester Publisher for Dataverse integration)

 UP meta journals

Journal of
open archaeology data ^{beta}

]u[ubiquity press
open access 


 UP meta journals

Journal of
open psychology data

]u[ubiquity press
open access 

 UP meta journals

Journal of
open public health data ^{beta}

]u[ubiquity press
open access 



Software
Sustainability
Institute




Journal of
open research software ^{beta}

]u[ubiquity press
open access 

 UP meta journals

Journal of
open bioresources ^{beta}

]u[ubiquity press
open access 

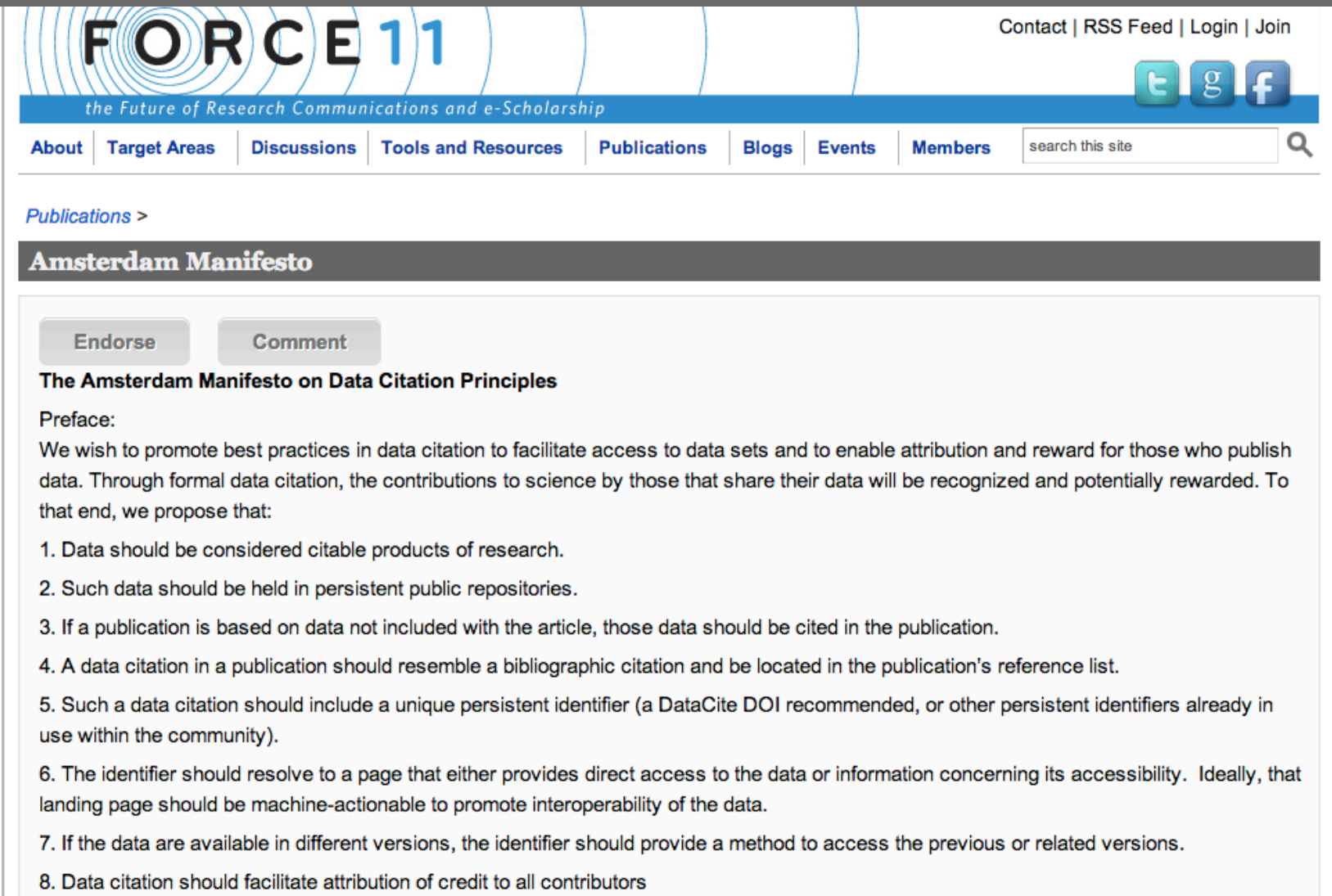
 UP meta journals

Journal of
open economics data

]u[ubiquity press
open access 

Credit: Brian Hole, Ubiquity Press

Amsterdam Manifesto: Formal Data Citation in Publication's Reference List



The screenshot shows the FORCE11 website header with the logo and tagline "the Future of Research Communications and e-Scholarship". Navigation links include About, Target Areas, Discussions, Tools and Resources, Publications, Blogs, Events, and Members. A search bar is present. The main content area features a dark header for "Amsterdam Manifesto" and two buttons: "Endorse" and "Comment".

FORCE11
the Future of Research Communications and e-Scholarship

Contact | RSS Feed | Login | Join

t g f

About | Target Areas | Discussions | Tools and Resources | Publications | Blogs | Events | Members

search this site

[Publications >](#)

Amsterdam Manifesto

[Endorse](#) [Comment](#)

The Amsterdam Manifesto on Data Citation Principles

Preface:

We wish to promote best practices in data citation to facilitate access to data sets and to enable attribution and reward for those who publish data. Through formal data citation, the contributions to science by those that share their data will be recognized and potentially rewarded. To that end, we propose that:

1. Data should be considered citable products of research.
2. Such data should be held in persistent public repositories.
3. If a publication is based on data not included with the article, those data should be cited in the publication.
4. A data citation in a publication should resemble a bibliographic citation and be located in the publication's reference list.
5. Such a data citation should include a unique persistent identifier (a DataCite DOI recommended, or other persistent identifiers already in use within the community).
6. The identifier should resolve to a page that either provides direct access to the data or information concerning its accessibility. Ideally, that landing page should be machine-actionable to promote interoperability of the data.
7. If the data are available in different versions, the identifier should provide a method to access the previous or related versions.
8. Data citation should facilitate attribution of credit to all contributors