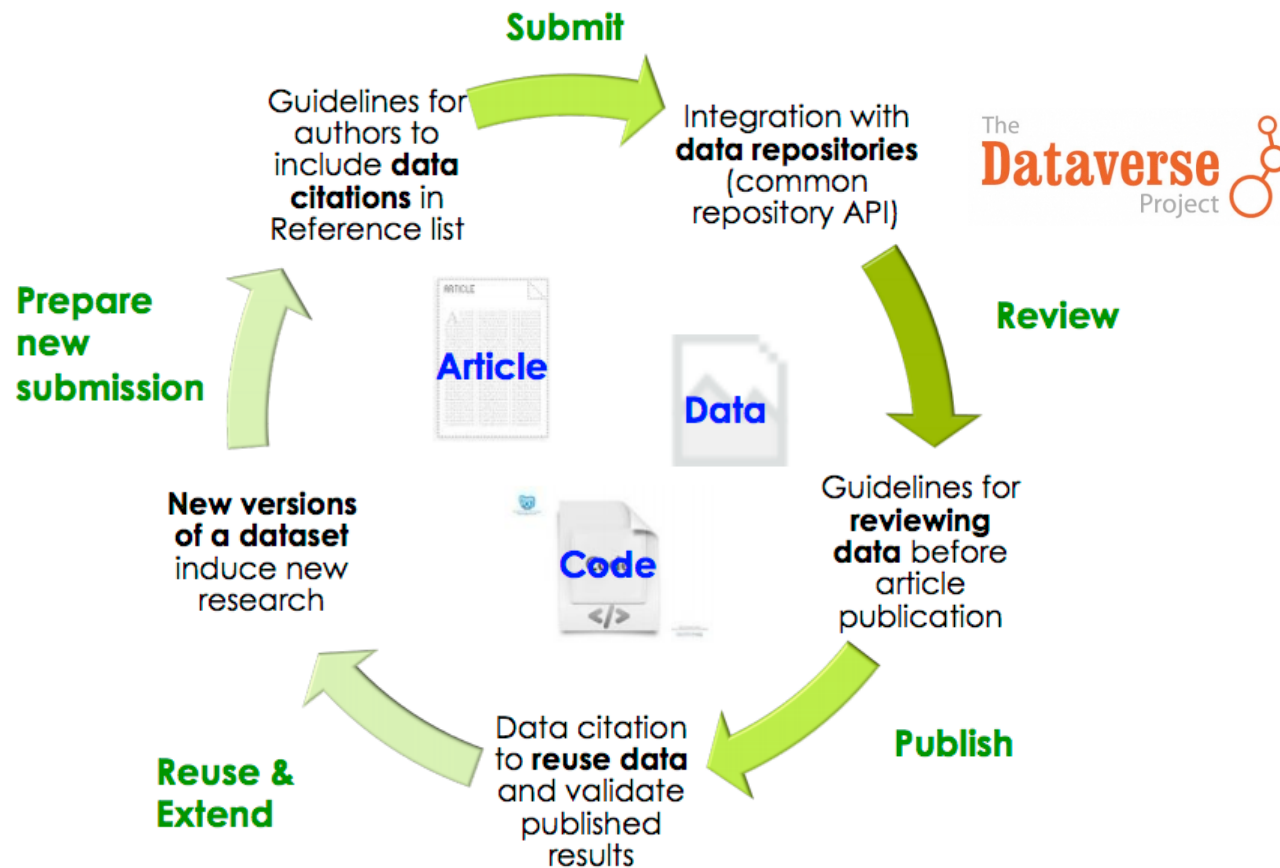


Towards an Integrated Transparent Journal Publishing Workflow



At the Policy-Level...

Data availability policies are not enough.



Ghergina & Katsanidou 2013 study: 18/120 Pol Sci + IR journals have a replication policy, yet replication “is essential for the evaluation of the quality of a piece of work.”



Journals may not be able to provide storage (Ishiyama 2014), long-term data management and preservation.

Policy + Technology

Technology in **editorial software** and **repositories** can help reduce the rate of noncompliance with journal data availability policies.

OJS-Dataverse Publishing Integration

see next slides→

F1000Research: Open Post Publication **Peer Review**
(immediate + transparent publishing).

Dryad Integrated Journal Publishing (automated process to link journal to data)

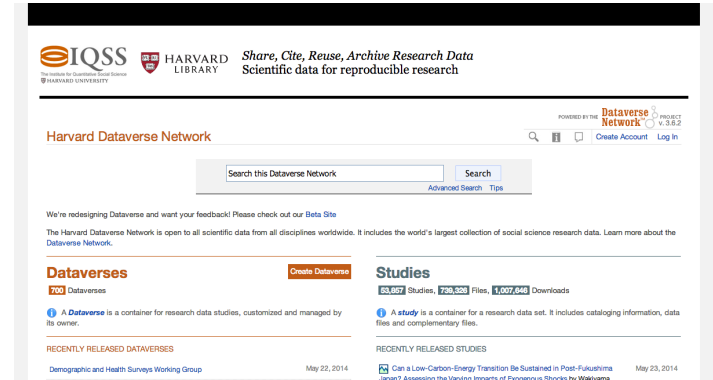


Introduction to Dataverse

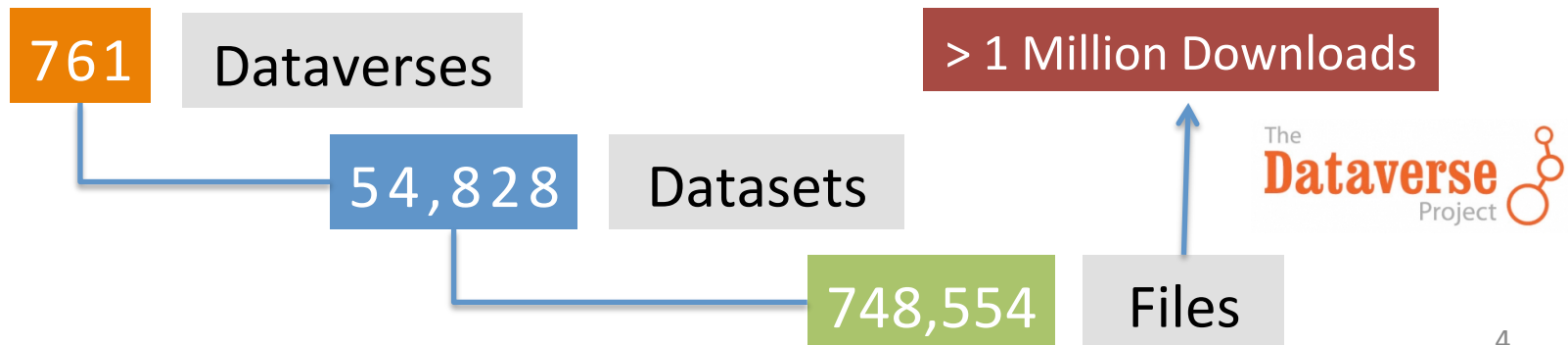
Software framework for publishing, citing and preserving research data
(open source on [github](https://github.com) for others to install)

Provides incentives for researchers to share:

- Recognition & credit via **data citations**
- Control over data & branding
- Fulfill journal data availability and funder requirements.



Harvard Dataverse (open to all; repository instance at Harvard) currently has:

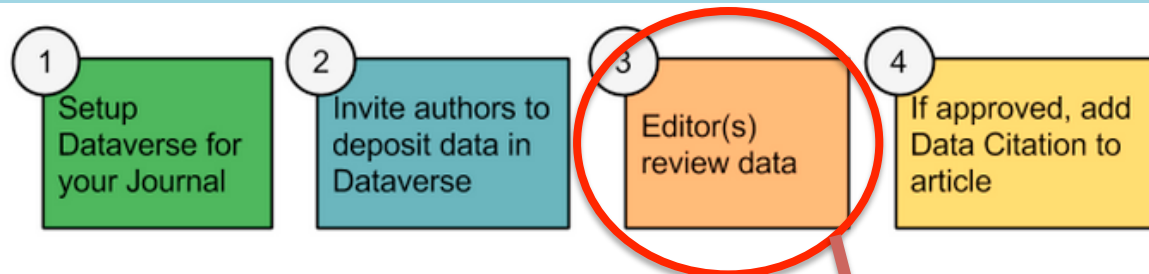


Journals Publishing Data w/ Dataverse

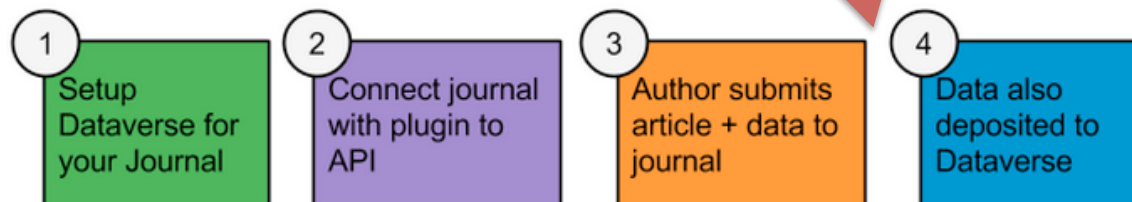
Option A. Journals include Dataverse as a Recommended Repository



Option B. Authors Contribute Directly to a Journal Dataverse



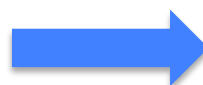
Option C. Seamless Integration btw Journal + Dataverse (e.g., OJS)



OJS Journal

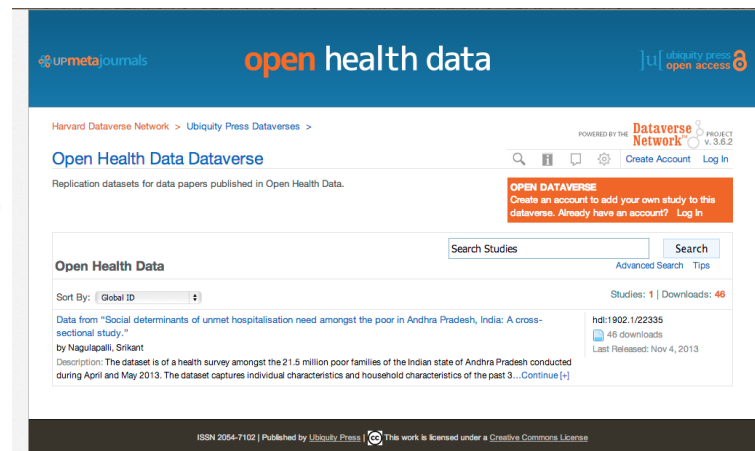


Citation
to Data



Citation
to Article

Journal Dataverse



Details: 2 Year Project 2012-2014

- Integrating w/ PKP's Open Journal Systems (via SWORD API).
- Pilot with ~ 50 journals + expanding outreach (hundreds) .
- OJS' Dataverse plugin now available with latest OJS release.
- **Future:** Embed Dataverse widgets into journal article.

Editor Sets Up Dataverse Plugin in OJS

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

Generic Plugins

Generic plugins are used to extend Open Journal Systems in a variety of ways that are not supported by the other plugin categories.

Referral Plugin

The Referral Plugin tracks incoming reback URLs to articles (i.e. when a reader follows an external link to an article), allowing Authors to maintain and potentially publish an automatically-updated list of rebacks to an article.

[SETTINGS](#) [DISABLE](#) [UPGRADE PLUGIN](#) [DELETE PLUGIN](#)

Usage event

Creates a hook that provides usage event in a defined format.

[UPGRADE PLUGIN](#) [DELETE PLUGIN](#)

Usage Statistics

Present data objects usage statistics. Can use server access log files to extract statistics.

This is a site-wide plugin. Only the Site Administrator may manage this plugin. [UPGRADE PLUGIN](#) [DELETE PLUGIN](#)

TinyMCE Plugin

This plugin enables WYSIWYG editing of OJS textareas using the [TinyMCE](#) content editor.

[DISABLE](#) [UPGRADE PLUGIN](#) [DELETE PLUGIN](#)

Acron Plugin

This plugin attempts to reduce the dependance of OCS on periodic scheduling tools such as 'cron.'

This is a site-wide plugin. Only the Site Administrator may manage this plugin. [UPGRADE PLUGIN](#) [DELETE PLUGIN](#)

Web Feed Plugin

This plugin produces RSS/Atom web syndication feeds for the current issue.

[SETTINGS](#) [DISABLE](#) [UPGRADE PLUGIN](#) [DELETE PLUGIN](#)

Dataverse Plugin

Deposit data sets and/or other supplementary files to a Dataverse.

[CONNECT](#) [SELECT DATVERSE](#) [SETTINGS](#) [DISABLE](#) [UPGRADE PLUGIN](#) [DELETE PLUGIN](#)

OJS Plugin: Journal Data Policies Boilerplate Templates

Home > User > Journal Management > **Dataverse Plugin**

Dataverse Plugin

CONNECT SELECT DATAVERSE **SETTINGS**

Data Policies

Configure data policies.

Data Availability Policy

General data availability policy for the journal. This will appear in About the Journal.

Super Plugin Testing Happy Hour requires, as a condition for publication, that data supporting the results in the paper should be archived in an appropriate public archive. Super Plugin Testing Happy Hour recommends the [Harvard Dataverse](#), which is free and open to all researchers worldwide to share, cite, reuse and archive research data. Data are important products of the scientific enterprise, and they should be preserved and usable for decades in the future. Authors may elect to have the data publicly available at time of publication. Exceptions may be granted at the discretion of the editor, especially for sensitive information such as human subject data or the location of endangered species. Any exceptions should be documented in a statement in the public article. (Adapted from [Joint Data Archiving Policy \(JDAP\)](#)).



Including Guidelines for:

- 1) Authors (w/ data citation)
- 2) Reviewers

Read full Data Policies / Guidelines Template: <http://bit.ly/1xkLjoZ>

OJS Plugin: Author Manuscript + Data Submission

Dataverse Plugin: Publish Data

Research data can be submitted for publication by depositing supplementary files in the journal's Dataverse or by supplying a citation to data already in a repository.

- ☐ Treat uploaded file as supplementary file. File **will not** be deposited in Dataverse.
- ☒ Deposit file in Dataverse. Author accepts and agrees to Dataverse [terms of use](#).

External Data Citation

If the data to be published with this submission is already in a different repository, please provide a data citation.

Supplementary File

File Name [6-17-1-SP.pdf](#)
Original file name Analytics All Web Site Data Pages 20121227-20130417.pdf
File Size 117KB
Date uploaded 2014-07-27 10:43 AM

- ☐ Present file to reviewers (without metadata), as it will not compromise blind review.

Replace file

No file chosen

Option to: (A) deposit into Dataverse AND/OR; (B) if data is already in a repository can include the data citation (w/ persistent URL/identifier).

OJS Plugin: Editor Reviews Article + Data Together

Home > User > Editor > Submissions > #6 > **Review**

#6 Review

SUMMARY **REVIEW** EDITING HISTORY REFERENCES

Submission

Authors	Eleni Castro, Alex Garnett
Title	Testing for Force11 & RDA
Section	Articles
Editor	axfelix
Review Version	6-18-1-RV.PDF 2014-07-27
Upload a revised Review Version Choose File No file chosen Upload	
Supp. files	6-17-1-SP.PDF 2014-07-27 ☐ Present file to reviewers Record

PeerReview

Round 1 [SELECT REVIEWER](#) [VIEW REGRETS, CANCELS, PREVIOUS ROUNDS](#)

Editor Decision

Select decision	☒ Choose One	Record Decision
Decision	☐ Accept Submission	
Notify Author	☐ Revisions Required	
Review Version	☐ Resubmit for Review	
Author Message	☐ Decline Submission	

Will Record 27

In OJS:

Notification

Submission data has been published in Dataverse:

Castro, Eleni; Garnett, Alex, "Testing for Force11 & RDA",
<http://dx.doi.org/10.5072/FK2/ZN5ZT>"><http://dx.doi.org/10.5072/FK2/ZN5ZT>
V1 [Version]

You are logged in as...

In Dataverse:

[Demo Dataverse Network >](#)

TESTING FOR FORCE11 & RDA

doi:10.5072/FK2/ZN5ZT

Version: 1 – Released: Sun Jul 27 14:07:12 EDT 2014

CATALOGING INFORMATION

Data & Analysis

Comments (0)

Versions

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

Castro, Eleni; Garnett, Alex, "Testing for Forcell & RDA",
<http://dx.doi.org/10.5072/FK2/ZN52T> V1 [Version]

Data Citation

Citation Format Print

Publications

Castro, E., & Garnett, A. (in press). Testing for Force11 & RDA. *Super Plugin Testing Happy Hour*.

Data Citation Details ▾

Title Testing for Force11 & RDA

Study Global ID [doi:10.5072/FK2/ZN5ZT](https://doi.org/10.5072/FK2/ZN5ZT)

- 1) Dataset Published (with DOI) at **Article Approval.**
- 2) Dataset Published when **Journal Issue is Released.**

OJS Plugin: Article Published w/ Data Citation

Journal of Plugin Testing

[HOME](#) [ABOUT](#) [LOGIN](#) [REGISTER](#) [SEARCH](#) [CURRENT](#) [ARCHIVES](#)

Home > Vol 1, No 1 (1) > **Garnett**

Alex uploads a file

Alex Garnett

Abstract

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis no-
ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat no
anim id est laborum.

Full Text:

[PDF](#)

Data citation

Garnett, Alex, 2014, "Replication data for: Alex uploads a file", <http://dx.doi.org/10.5072/FK2/MYRXI>, Harvard Dataverse [Repository], V1 [Version]

Refbacks

There are currently no refbacks.

But this is just the beginning...

We need input from you! This is a reference implementation that we hope others can help expand and improve upon.

References

Gherghina, S., & Katsanidou, A. (2013). Data availability in political science journals. *European Political Science* 12: 333-349. [doi:10.1057/eps.2013.8](https://doi.org/10.1057/eps.2013.8)

Ishiyama, J. (2014). “Replication, Research Transparency, and Journal Publications: Individualism, Community Models and the Future of Replication Studies” *PS:Political Science and Politics* 41(1): 78-83.

[doi:10.1017/S1049096513001765](https://doi.org/10.1017/S1049096513001765)

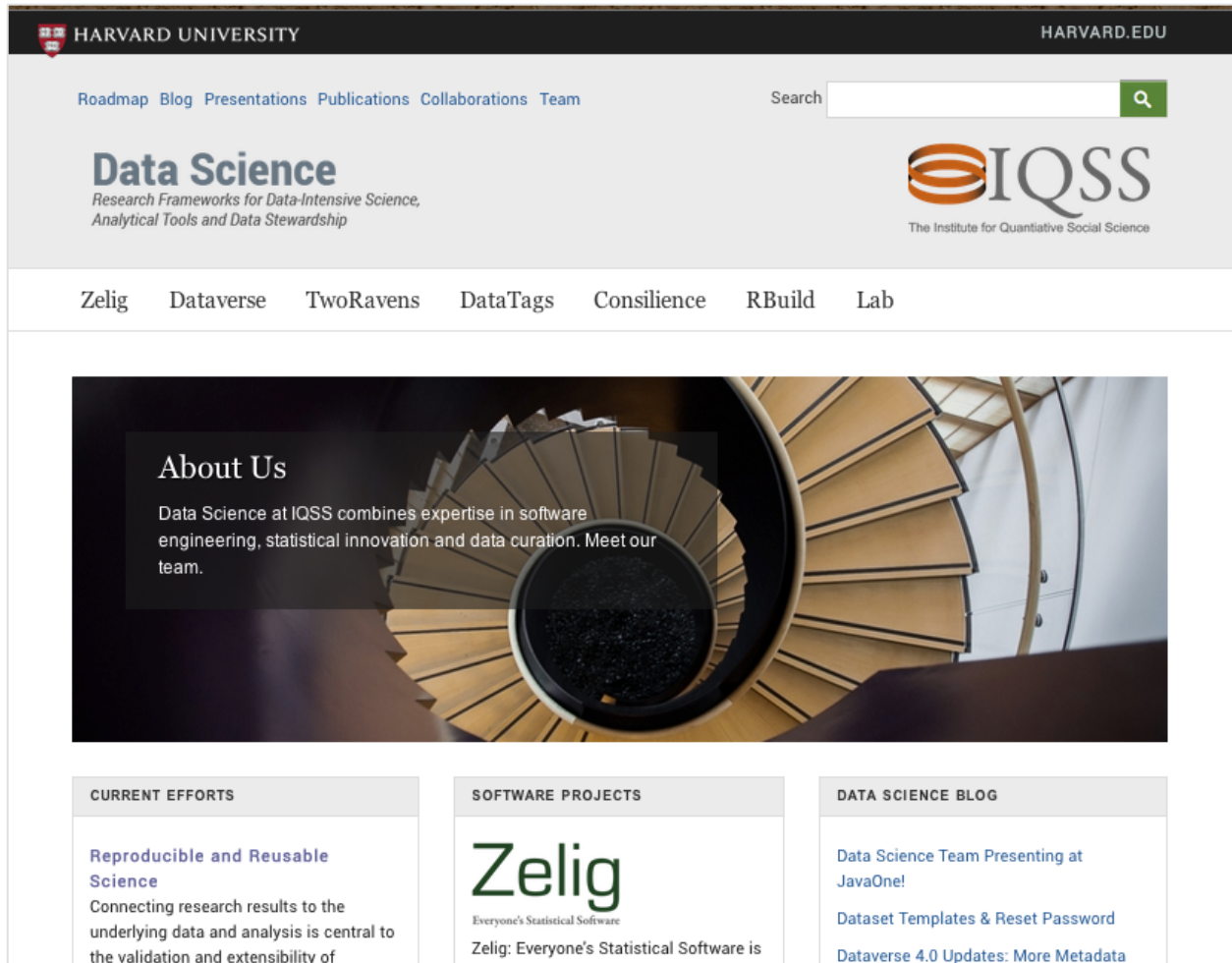
King, G. (2003). The future of replication. *International Studies Perspectives*, 4(1), 443-499.

Thank you!

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More information: <http://datascience.iq.harvard.edu>

Twitter: @thedataorg



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Research Frameworks for Data-Intensive Science,
Analytical Tools and Data Stewardship

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SOFTWARE PROJECTS
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Everyone's Statistical Software
Zelig: Everyone's Statistical Software is

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Data Science Team Presenting at JavaOne!
Dataset Templates & Reset Password
Dataverse 4.0 Updates: More Metadata