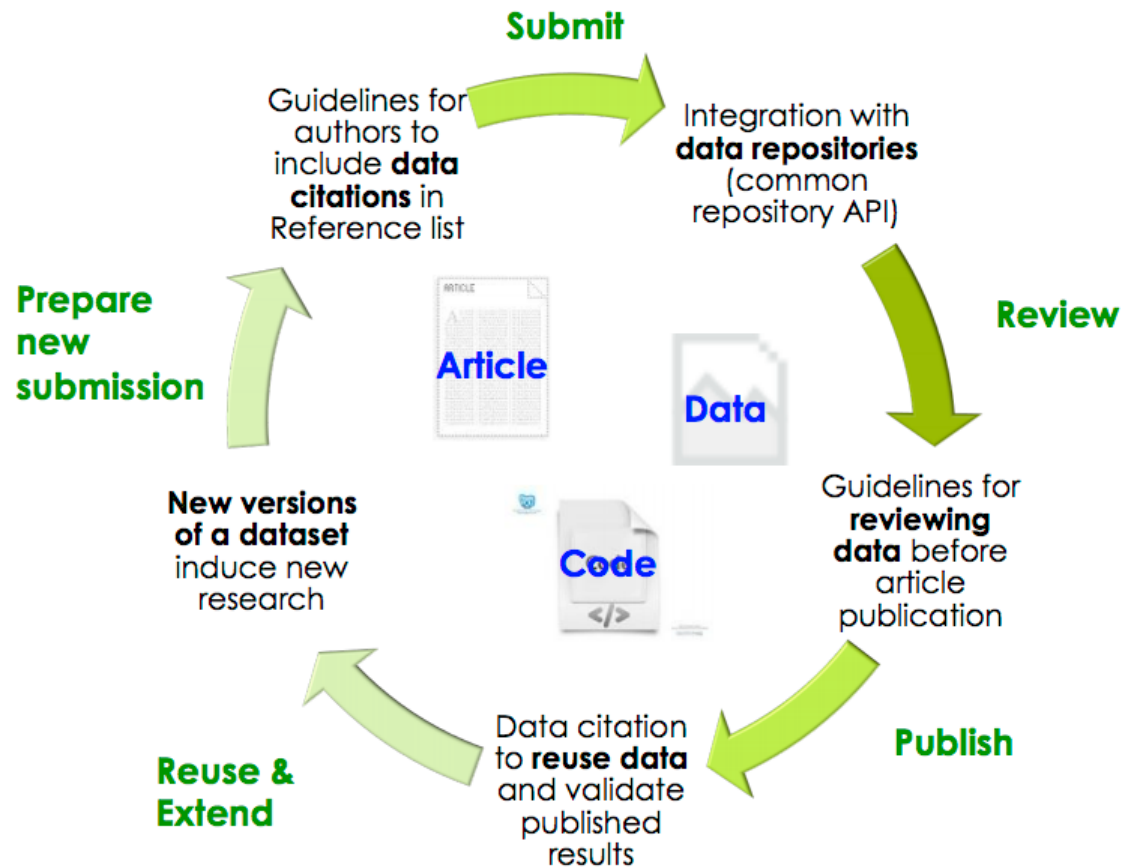


# OJS + Dataverse: Integrated & Transparent Publishing Workflows



Eleni Castro, Research Coordinator > IQSS, Harvard

PKP AGM 2014 > October 3, 2014

# 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.

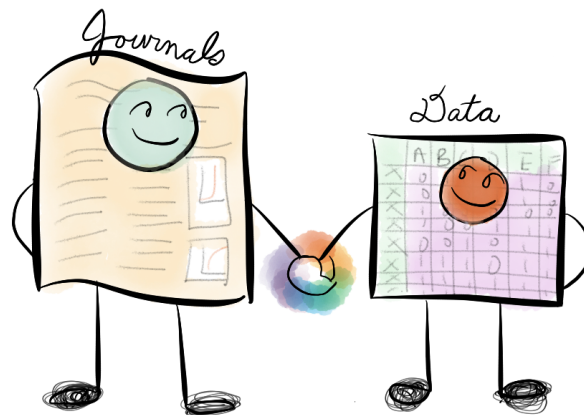
# Policy + Technology

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

**PKP**  
PUBLIC  
KNOWLEDGE  
PROJECT

+

The  
**Dataverse**  
Project 

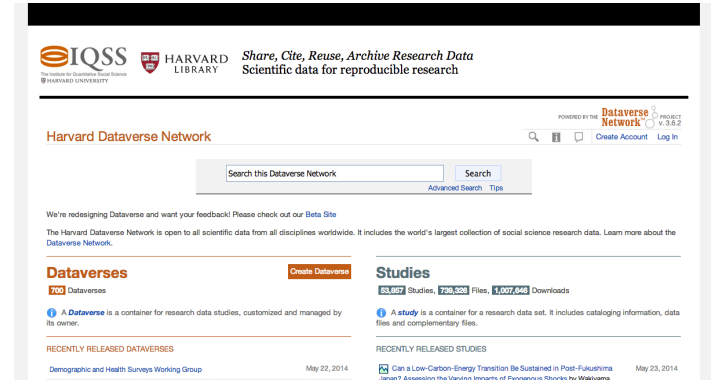


# Introduction to Dataverse

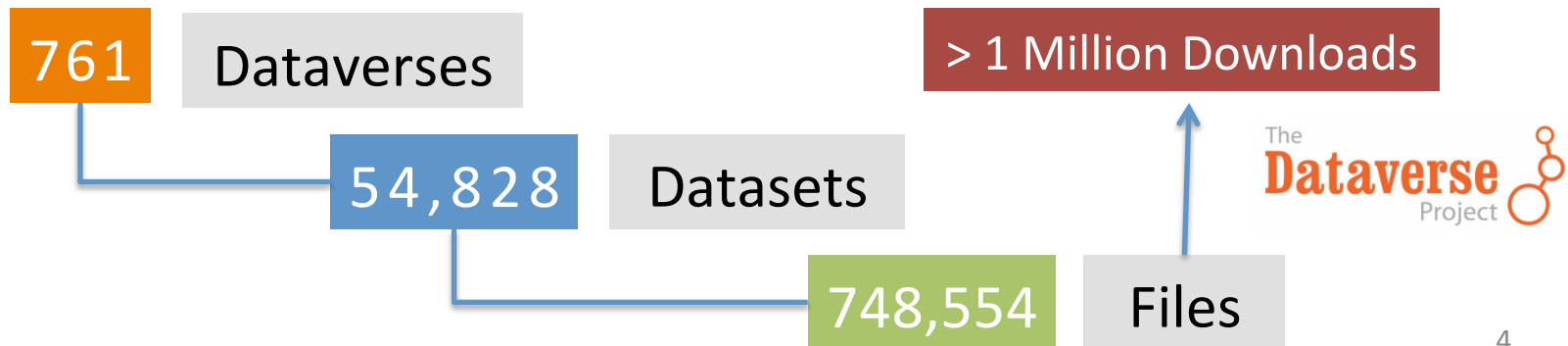
Software framework for publishing, citing and preserving research data (open source on [github](https://github.com) for others to install)

## Provides incentives for researchers to share:

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



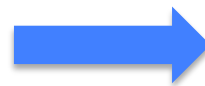
**Harvard Dataverse** (open to all; repository instance at Harvard) currently has:



## 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:** Extend integration with Dataverse to OMP.

# Journal Manager: Sets Up Dataverse Plugin

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

## Generic Plugins

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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](#)

# 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>

# 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).



# Peer Review: 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	<a href="#">6-18-1-RV.PDF</a> 2014-07-27
Supp. files	<a href="#">6-17-1-SP.PDF</a> 2014-07-27

Upload a revised Review Version  No file chosen

Present file to reviewers

---

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

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### Editor Decision

Select decision  Choose One

- Accept Submission
- Revisions Required
- Resubmit for Review
- Decline Submission

Decision Notify Author Review Version Author Message Will Record No Comments 27

# Data Published in Dataverse w/ OJS Plugin

In OJS:

Super Plugin Testing Happy Hour

HOME ABOUT USER HOME SEARCH CURRENT ARCHIVES

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

#6 Review

## 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 >

Journal of Plugin Testing Dataverse

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?

Data Citation

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

Citation Format

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

2 Options in OJS:

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

# 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]

#### Refbacs

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.

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## 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!

Contact: [ecastro@fas.harvard.edu](mailto:ecastro@fas.harvard.edu)

More information: <http://projects.iq.harvard.edu/ojs-dvn>

Twitter: @thedataorg



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