



## American Economic Association (AEA) Data & Code Repository at openICPSR

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# OpenICPSR and reproducibility

## AEA data sharing policy 2005

- 2013: Herndon, Ash & Pollin on Reinhart & Rogoff 2010
- 2016 *Science*

## OpenICPSR

- Initiated in 2013, following publication of OSTP memo and multiple meetings with editors of social science journals
- Economic History Association, American Education Research Association

# AEA Data Editor Workflow and Methods



# Quick Outline

- Workflow from the user perspective
- Workflow from the Data Editor's perspective
- Desired outcomes
- Tasks
- Skills required
- Training
- Scale

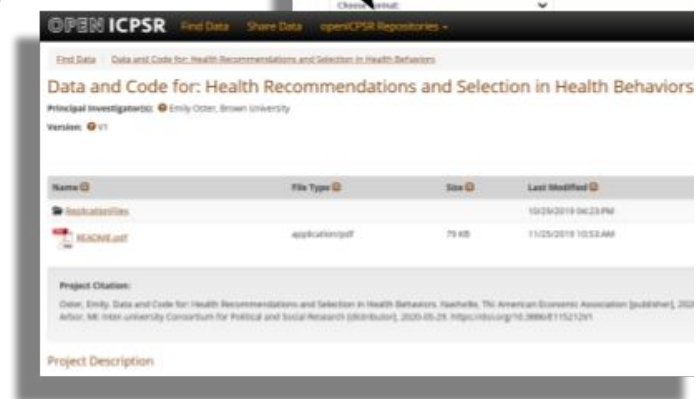
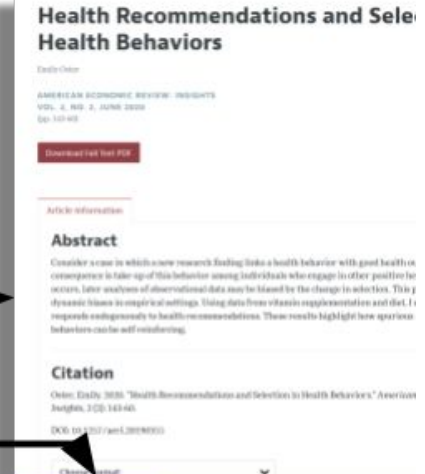
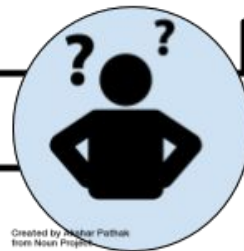
# Required outcomes

- Archival record of the scholarly materials
  - Implies versioning
- Permanent identifier (PID)
  - DOI
- Linkage to and from article
  - Human-visible
  - Metadata (CrossRef + DataCite)
  - Across versions
- Transparent and efficient inspection of materials
  - Understand materials without downloading (multi-100-GB deposits...)
- Proper identification of roles
  - Author, Distributor, Publisher

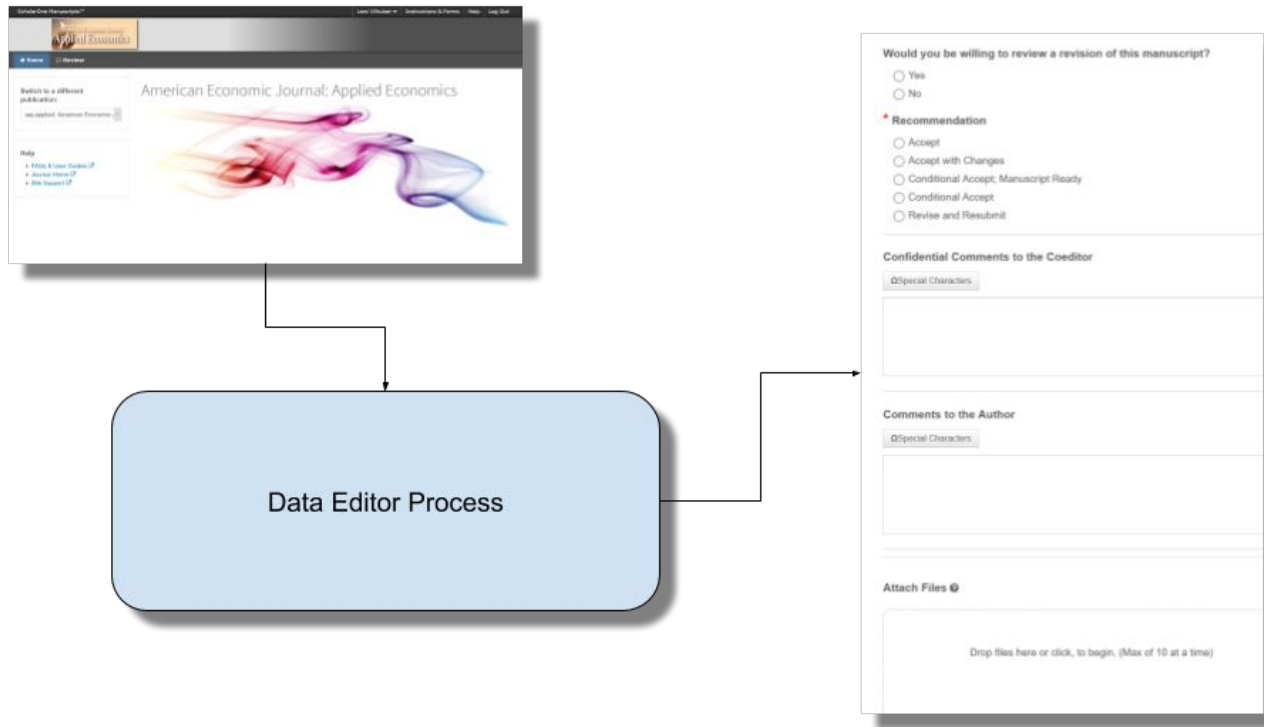
# Desired attributes

- Journal workflow integration
  - Without prescribing a specific repository!
- Pre-publication access for replicators
- Role-based access
  - Ability to delegate certain tasks
- Partial automation
  - Of repeated tasks
  - Of communicating between systems
  - Of computational checks
  - Of metadata and layout checks
  - Of downloads

# Workflow from user perspective

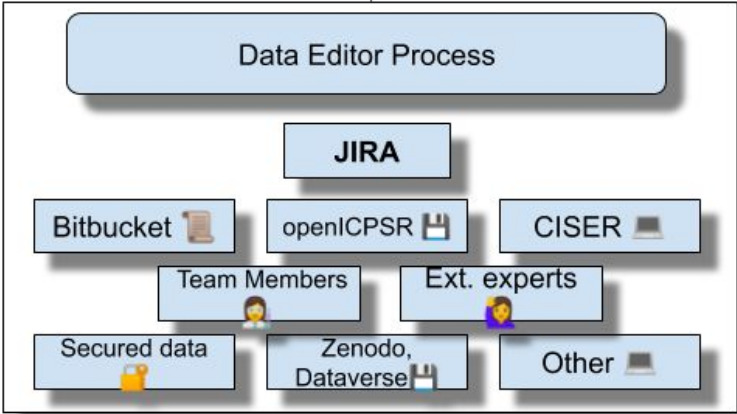


# Workflow from Data Editor perspective





# Real Workflow...



A form for manuscript review. It includes the following sections:

- Would you be willing to review a revision of this manuscript?** with radio buttons for 'Yes' and 'No'.
- Recommendation** with radio buttons for 'Accept', 'Accept with Changes', 'Conditional Accept; Manuscript Ready', 'Conditional Accept', and 'Revise and Resubmit'.
- Confidential Comments to the Coeditor** with a text area and a 'Special Characters' button.
- Comments to the Author** with a text area and a 'Special Characters' button.
- Attach Files** with a text area and a note: 'Drop files here or click, to begin. (Max of 10 at a time)'.

# JIRA ties it together... with lots of manual sweat

Projects / AEA Replication - Default / AEAREP-584 **1**

## PandP-2020-1124 CA Data Deposit Notification Rev.0

Attach Create subtask Link issue

**Description**

Dear Dr. Vilhuber,

We are expecting data and code for PandP-2020-1124 entitled "Impact of Foreign Official Purchases on the US Treasuries on the Yield Curve", which will appear in the 2020 AEA Papers and Proceedings.

Deadline for submission of data and code: 2020-08-28.

Sincerely,

Alice Caughey

---

Alice Caughey  
Editorial Assistant  
American Economic Association  
Publications Office  
2403 Sidney St, Ste 260  
Pittsburgh, PA 15203  
[Created via e-mail received from: AEA Papers and Proceedings <pandp@aeapubs.org>]

**Activity**

Show: Comments History Work log

**LV** Lars Vilhuber March 16, 2020, 3:15 PM  
Sent: Saturday, March 14, 2020 09:19

Open

**Assignee**  
LV (Data Editor)

**Priority**  
Medium

**Due date**  
2020/07/01

**Journal**  
AEA P&P

**2** Manuscript Central identifier  
PandP-2020-1124

**MCSstatus**  
CA

**4** Code provenance  
<https://www.openicpsr.org/openicpsr/tenant/openicpsr/mo...>

**Report URL**  
None

**3** openICPSR Project Number  
118,046

- (1) JIRA identifier
- (2) Manuscript Central / ScholarOne identifier
- (3) openICPSR project number (when available)
- (4) Direct link to deposit (even if not on openICPSR)

Any team member

Senior Team Member

# Tasks

## Metadata

- List datasets
- Check data citations
- Check “data availability statements”
- Check metadata on openICPSR
- Check structure on openICPSR

## Data and Code

- Download code
- Download data (if separate)
- Assess code completeness
  - Data preparation code
  - Analysis code
- Run code
- Compare results

Write report

Approve report

Submit report

# Metadata on data deposit

## Required elements

### Title

(Suggested: “*Data and code for: (NAME OF PAPER)*”)

### “Principal Investigators”

(=Authors; these need not be in the same order)

### Abstract

### JEL Classification

### Manuscript Number

### Structure:

- README in TXT, PDF
- No ZIP files
- No empty directories

## Highly recommended

**Subject Terms** (e.g., “Machine Learning”, “Randomized Control Trial”, “Nudges”, ...)

**Geographic coverage** (e.g., “United States”, “Florida, U.S.”, “Indonesia”, ...)

**Time period(s)** (e.g., “1982-2008”)

## Suggested

**Collection date(s)**

**Universe** (e.g., “All households in Canada”, “Manufacturing establishments in Indonesia”, ...)

**Data Type(s)**

**Data Source**

**Units of Observation**

# Skills

- Ability to read through non-standardized documents and structure
  - Data sources do not have a fixed location
  - Data citations are nearly absent
- Ability to run code in “minimally invasive” mode
  - Not code consultants!
  - Reproduction runs needs to be ... reproducible!
- Multiple computer languages
  - Stata
  - Matlab
  - R, Python, Julia, etc.
- Diverse computing environments

# Training

Typical team member:

- **Undergraduate** in social sciences, computer science, statistics, engineering
- Typically **junior**, sometimes **sophomore** when they join

Training

- Intensive start session (“bootcamp”)
- Continuous training over 5-7 weeks
- On-the-job training after that

# Scale

As of Monday, June 8 2020

- 796 assessments for all 8 journals
- Currently 18 RAs (+ 1 GRA)
- About dozen reproducibility checks with confidential data
  - Mostly third parties

# Challenges

- Scale
- Recurring training
  - Of RAs
  - Of Authors!
- Coordination across multiple econ journals
  - Addresses one of the training issues
- Software not available
  - Very few cases
- Integration/ streamlining of workflow

# **AEA Data & Code Repository Walkthrough**



# AEA Data & Code Repository

The screenshot shows a web browser window with the URL [openicpsr.org/openicpsr/aea](https://openicpsr.org/openicpsr/aea). The page header includes the 'OPEN ICPSR' logo, navigation links for 'Find Data', 'Share Data', and 'openICPSR Repositories', and a search bar with 'go', 'Sign Up', and 'Sign In' buttons. The American Economic Association logo is also present. The main content area is titled 'Depositing Data in the AEA Data and Code Repository' and contains the following text:

The *American Economic Association journals* require authors to deposit data and materials with a community-recognized or general repositories. The *AEA Data and Code Repository at ICPSR* serves that purpose. Please see the AEA's [Data and Code Availability Policy](#) and data citation guidance at the [Sample References](#) page for more details. **Authors are required to include a citation pointing to the deposit in the reference section of the final version of the article sent to the AEA.** The *openICPSR* repository automatically generates a citation when the data are "published."

Deposits should include all data, annotated program code, command files, and documentation that is needed to replicate the findings from the authors' submitted article.

- **Data** should be comprehensively documented (see ICPSR's [Guide to Social Science Data Preparation and Archiving, 5th Edition](#) for guidance). The **author** is responsible for removing identifying information from the data to protect [confidentiality](#). Neither the AEA nor ICPSR review submissions for disclosure risk.
- **Program** code and command files should be annotated to facilitate replication and ensure clear correspondence between code and figures, tables, and analyses in the published article.
- Authors retain ownership and copyright to the data and code. Authors are required to affirm that they have the right to publish and redistribute the material. However,
  - ICPSR requires a license for distribution of data.
  - An **open license** is required by the AEA, in order to allow others to re-use the data and code, in particular for replication. Authors can select from several license options, including CC-BY 4.0 for data and Modified BSD for software and code. If an author would like to use multiple licenses or create a customized license, she should select the "Other" license option and upload a LICENSE file alongside the data and documentation.

By depositing in the AEA Data and Code Repository, the depositors allow the AEA staff to add keywords and other metadata which are important for proper indexing in linking. Any other changes are subject to the license chosen for the materials.

[View more extensive \(unofficial\) guidance](#).

[Start Your Deposit](#)

The footer of the page includes the 'OPEN ICPSR' logo, navigation links for 'About openICPSR', 'Privacy', 'FAQs', and 'Contact us', and the copyright notice: '© 2020 The Regents of the University of Michigan'.

# Create New Project

Workspace

openicpsr.org/openicpsr/workspace

Apps UM/ISR General ICPSR UM Email Drupal Jira PC Support ISR MRM Data/Research Prof Dev x\_Personal

OPEN ICPSR Find Data Share Data openICPSR Repositories Management GO Chelsea Goforth

Workspace

+ CREATE NEW PROJECT

Hide inactive Show all

Workspace

- + openicpsr-117161
- + openicpsr-117822
- + openicpsr-118823
- + openicpsr-119446
- Shared with me
- + openicpsr-105982
- + openicpsr-115971 (Published)
- + openicpsr-117105
- + openicpsr-118363

Create Project

You are creating a project in openICPSR, a data-sharing service enabling rapid self-publication of research data.

Project Title:

Select a repository

- openICPSR
- AEA Data and Code Repository
- American Educational Research Association Data Repository
- COVID-19 Data Repository
- Firearm Safety Among Children and Teens Consortium
- Journal of Economic History Data Repository
- NACDA Open Aging Repository
- National Neighborhood Data Archive
- Population Assessment of Tobacco and Health
- Panel Study of Income Dynamics

SAVE & APPLY

Close

Policy Database

Showing 1 to 4 of 4 entries

Previous 1 Next

	value	Share
PUBLISHED	1	12.50%
Deposit In Progress	7	87.50%

File Content Types

# Project Workspace

The screenshot shows the openICPSR Project Workspace for a project named "Test AEA Project" (Deposit In Progress). The interface includes a top navigation bar with the openICPSR logo and user information (Chelsea Goforth). A left sidebar shows a list of project folders, with "openicpsr-119696" selected. The main workspace area contains a search bar, a "CREATE NEW PROJECT" button, and a "Project" header with "Upload Files/Import From Zip" options. Below this is a "Project Description" section with fields for "Principal Investigator(s)", "Summary", and "Funding Sources". A "Project Administration Tools" sidebar on the right includes "PUBLISH PROJECT", "Share Project", "Change Owner", "View Log", and "Report a Problem". A "Project Communication Log" is visible at the bottom.

**Upload Files/Import From Zip**

**Enter Project Metadata**

**Project Administration Tools**

# Upload Files

The screenshot displays the ICPSR workspace interface for project 'openicpsr-119696'. A modal dialog titled 'Upload Files' is open in the center. The dialog contains the following text:

Please upload files by dragging and dropping files into the designated area or by selecting the "Add files..." button and then navigating to the file(s) of your choice. Note that .ZIP files uploaded through the "Upload Files" button will remain as .ZIP files in your workspace. If you want to extract contents of a .ZIP file to your project workspace, close this window and upload using the "Import From Zip" button. Please be advised that password protected files are not supported at this time.

ICPSR allows users to share their data up to a 30000 MB limit. Requests to exceed the 30000 MB limit should be sent to [ICPSR Acquisitions](#) and should address expected size. 30000 MB space remaining for uploads.

Below the text is a large grey area with the text "Drag and drop files here...". At the bottom of the dialog are three buttons: "+ ADD FILES...", "Upload", and "Clear all". A "Close" button is located in the bottom right corner of the dialog.

The background interface shows a sidebar with a list of projects, including 'openicpsr-119696' which is selected. The main content area displays project details for 'Test AEA P...', including sections for 'Project', 'Principal Inv...', 'Summary (re edit)', 'Funding Sou...', 'Scope of Project', 'Methodology', and 'Related Publications'. The top navigation bar includes 'OPEN ICPSR', 'Find Data', 'Share Data', and 'Management'. The user's name 'Chelsea Goforth' is visible in the top right corner.

# Upload Files

The screenshot displays the openICPSR workspace interface for a project named "Test AEA Project". The top navigation bar includes the openICPSR logo, search and management links, and a user profile for Chelsea Goforth. The main workspace area features a search bar, a "CREATE NEW PROJECT" button, and a sidebar with a project list. The "Test AEA Project" details are shown, including a file upload section with a table of existing files and a "Project Description" form. A red box highlights the "Actions" menu for the files, which contains icons for view, settings, download, share, edit, and delete.

Workspace | openicpsr-119696

Search within workspace, enter 3 or more characters

Test AEA Project [Deposit In Progress] [Edit Project Header](#)

Name	Type	Size	Last Modified	Actions
TestFile1.docx	application/vnd.openxmlformats-officedocument.wordprocessingml.document	11 KB	6/1/2020 9:18:49 AM	SHOW ACTIONS
TestFile2	text/plain	8 bytes	6/1/2020 9:15:57 AM	SHOW ACTIONS
TestFile3.csv	text/csv	2 bytes	6/1/2020 9:17:25 AM	SHOW ACTIONS

Project Description

Principal Investigator(s) (required) [+ add value](#)  
Jane W. Doe, Anywhere University [edit](#) [remove](#)

Summary (required) [+ add value](#)  
Summary for testing. [edit](#) [remove](#)

Funding Sources [+ add value](#)

Actions

- View
- Settings
- Download
- Share
- Edit
- Delete

# Metadata Fields

The screenshot displays the OpenICPSR workspace interface. A modal window titled "Add Person/Organization" is open, allowing the user to add a new person or organization to the project. The modal has two tabs: "Person" (selected) and "Organization/Agency". The "Person" tab contains the following fields:

- First Name(s) (required):** Jane W.
- Last Name (required):** Doe
- Affiliation:** Anywhere University
- Email Address:** username@domain.org
- ORCID:** 0000-0000-0000-0000

A "SAVE & APPLY" button is located at the bottom of the form, and a "Close" button is at the bottom right. The background shows the workspace for "Test AEA Project" with various sections like "Project Description", "Summary", "Funding Sources", "Scope of Project", "Methodology", and "Related Publications". The user's name "Chelsea Goforth" is visible in the top right corner.

# Metadata Fields

The screenshot displays a web browser window with the URL `openicpsr.org/openicpsr/workspace?goToPath=/openicpsr/119696&goToLevel=project#`. The browser's address bar and tabs are visible at the top. On the left side, a sidebar shows a list of project folders, with `openicpsr-119696` selected. The main content area is titled `Project Description` and contains several metadata fields:

- Principal Investigator(s) (required)**: A field containing the text "Jane W. Doe, Anywhere University" with `edit` and `remove` icons, and a `+ add value` link.
- Summary (required)**: A rich text editor with a toolbar (Normal text, Bold, Italic, Underline, Bulleted list, Numbered list, Indent, Outdent) and a text area containing "Summary for testing." It includes `edit` and `remove` icons, a `SAVE` button, and a `cancel` button.
- Funding Sources**: A field with a `+ add value` link.

Below the `Project Description` section is the `Scope of Project` section, which includes:

- Subject Terms**: A field with the instruction "Do not copy/paste multiple terms into this field. Terms must be entered individually." and an empty text input box.
- JEL Classification**: A field with the label "Search JEL codes" and an empty text input box.
- Manuscript Number**: A field with an `edit` icon.

On the right side of the workspace, there is a vertical panel with a `View Log` button, a `Report a Problem` button, and a `view storage` link.

# Metadata Fields

The screenshot shows a web browser window with the URL `openicpsr.org/openicpsr/workspace?goToPath=/openicpsr/119696&goToLevel=project#`. The browser's address bar and tabs are visible at the top. The main content area displays a metadata form for a project. The form is organized into sections, with the first section titled "Scope of Project" highlighted in yellow. This section contains several fields:

- Subject Terms**: A text input field with a help icon and the instruction "Do not copy/paste multiple terms into this field. Terms must be entered individually."
- JEL Classification**: A text input field with a help icon and the placeholder text "Search JEL codes".
- Manuscript Number**: A text input field with a help icon and an "edit" link.
- Geographic Coverage**: A text input field with a help icon, an "add value" link, and a "SAVE" button with a "cancel" button below it. An "edit" link is also present.
- Time Period(s)**: A text input field with a help icon and an "add value" link.
- Collection Date(s)**: A text input field with a help icon and an "add value" link.
- Universe**: A text input field with a help icon and an "edit" link.
- Data Type(s)**: A text input field with a help icon and an "edit" link.
- Collection Notes**: A text input field with a help icon and an "edit" link.

The second section, titled "Methodology", is also highlighted in yellow and contains:

- Response Rate**: A text input field with a help icon and an "edit" link.



# Metadata Fields

The screenshot shows a web browser window with the URL `openicpsr.org/openicpsr/workspace?goToPath=/openicpsr/119696&goToLevel=project#`. The browser's address bar and tabs are visible at the top. The main content area is a workspace for a project, with a sidebar on the left containing various metadata fields such as "Subject Terms", "JEL Classification", "Manuscript Number", "Geographic Coverage", "Time Period(s)", "Collection Date(s)", "Universe", "Data Type(s)", "Collection Notes", "Response Rate", and "Sampling". Each field has an "edit" icon. The "Collection Date(s)" field is currently selected, and a modal dialog titled "Add Collection Date(s)" is open in the center. The modal contains the following text and form elements:

**Add Collection Date(s)**

When were the data physically collected? If the data were collected in multiple waves, you can enter each collection period separately.

**Start Date:**

**End Date:**

**Textual Description (optional):**

**SAVE & APPLY**

Close

# Metadata Fields

The screenshot displays the ICPSR workspace interface. A central dialog box titled "edit" is open, showing a list of metadata fields for selection. The fields are:

- audio computer-assisted self interview (ACASI)
- audiovisual touch-screen computer-assisted self interview (AVT-CASI)
- coded on-site observation
- coded video observation
- cognitive assessment test
- computer-assisted personal interview (CAPI)
- computer-assisted self interview (CASI)
- computer-assisted telephone interview (CATI)
- face-to-face interview
- mail questionnaire
- mixed mode
- on-site questionnaire
- paper and pencil interview (PAPI)
- record abstracts
- remote sensing
- self-enumerated questionnaire
- telephone audio computer-assisted self interview (TACASI)
- telephone interview
- web scraping
- web-based survey
- other

At the bottom of the dialog box are "SAVE" and "cancel" buttons. The background interface shows a sidebar with categories like "Methods", "Response", "Sampling", "Data Sources", "Collection", "Scales", "Weights", "Unit(s) of", and "Geograph". Below the dialog box, there are sections for "+ Related Publications" and "Project Communication Log".

# Metadata Fields

The screenshot shows a web browser window with the URL `openicpsr.org/openicpsr/workspace?goToPath=/openicpsr/119696&goToLevel=project#`. The browser's address bar and tabs are visible at the top. Below the browser, the main content area displays a project's metadata fields. The fields are organized into a list under a 'Methodology' section. Each field has an 'edit' link. The 'Unit(s) of Observation' field is currently active, showing a text input box with a cursor, a 'SAVE' button, a 'cancel' button, and an 'edit' link. Below the 'Methodology' section, there is a '+ Related Publications' section with an '+ add citation' link. At the bottom, there is a 'Project Communication Log' section with a '+ add entry' link and a 'watch' icon.

Workspace

openicpsr.org/openicpsr/workspace?goToPath=/openicpsr/119696&goToLevel=project#

Apps UM/ISR General ICPSR UM Email Drupal Jira PC Support ISR MRM Data/Research Prof Dev x\_Personal

Methodology

Response Rate [edit](#)

Sampling [edit](#)

Data Source [edit](#)

Collection Mode(s) [edit](#)

Scales [edit](#)

Weights [edit](#)

Unit(s) of Observation [+ add value](#)

[SAVE](#) [cancel](#) [edit](#)

[edit](#)

Geographic Unit [edit](#)

+ Related Publications [+ add citation](#)

Project Communication Log *You are NOT watching comments* [+ add entry](#) [watch](#)

# Related Publications

The screenshot displays the OpenICPSR workspace interface for a project named 'Test AEA Project'. A modal dialog box titled 'Add/Edit Citation' is centered on the screen. The dialog contains the following text:

Please provide citations to publications (or other entities) that should be associated with this collection.

To add a journal article, click the **Import Via DOI** button. Here you can auto-populate a citation record by entering your publication's DOI (digital object identifier).

For other publications or entities that do not have a registered DOI, click the **Manually Enter Citation** button. A form will appear in which you can easily enter its citation information.

At the bottom of the dialog are two buttons: **IMPORT VIA DOI** and **MANUALLY ENTER CITATION**. A **Close** button is located in the bottom right corner of the dialog.

The background interface shows the workspace navigation menu on the left, the project details for 'Test AEA Project' in the center, and the American Economic Association logo and project management options on the right.

# Related Publication(s)

The screenshot displays the OpenICPSR workspace interface. The main content area shows the 'Test AEA Project' page, which includes sections for 'Project Description', 'Principal Investigator(s)', 'Summary', 'Funding Sources', 'Scope of Project', 'Subject Terms', 'JEL Classification', and 'Manuscript Number'. A modal window titled 'Manually Enter Citation' is open in the foreground. This modal contains a 'Pub. Type' dropdown menu set to 'journal article', a 'Relationship' dropdown, and several text input fields for 'Article Title', 'Author(s)', 'Journal', 'Volume', 'Issue', 'Page', 'Pub. Date', 'DOI', and 'URL'. There is also an 'Add Field' section with a dropdown and an input field. A 'SAVE & APPLY' button is located at the bottom right of the modal. A blue informational banner at the top of the modal reads: 'For other publications or entities that do not have a registered DOI, click the Manually Enter Citation button. A form will appear in which you can easily enter its citation information.' The background workspace shows a sidebar with a list of projects, including 'openicpsr-117161', 'openicpsr-117822', 'openicpsr-118823', 'openicpsr-119446', 'openicpsr-119696', 'Shared with me', 'openicpsr-105982', 'openicpsr-115971 (Published)', 'openicpsr-117105', and 'openicpsr-118363'. The top navigation bar includes 'Find Data', 'Share Data', and 'openICPSR Repositories'. The user's name 'Chelsea Goforth' is visible in the top right corner.

# Project Communication Log

The screenshot shows a web browser window with the URL `openicpsr.org/openicpsr/workspace?goToPath=/openicpsr/119696&goToLevel=project#`. The browser's address bar and tabs are visible at the top. Below the browser window, the main content area displays a form for adding a new communication log entry. The form includes a 'Subject' field, a 'Message' field with a rich text editor toolbar (containing Bold, Italic, Underline, Bulleted List, Numbered List, Indent, and Outdent), and an 'Attachments' section with a 'drag and drop files here or choose files' instruction, a '+ CHOOSE FILES...' button, and a 'Clear all' button. At the bottom of the form are 'SAVE' and 'Cancel' buttons. Above the form, there are sections for 'Unit(s) of Observation' and 'Geographic Unit', each with an 'edit' link and an '+ add\_value' button. Below these is a '+ Related Publications' section with an '+ add citation' button. The form is titled 'Project Communication Log' and includes a status 'You are NOT watching comments' and buttons for 'add\_entry' and 'watch'. The footer of the page contains the 'OPEN ICPSR' logo, navigation links for 'About openICPSR', 'Privacy', 'FAQs', 'Learn about repositories', and 'Contact us', and a copyright notice: '© 2020 The Regents of the University of Michigan'. The browser's address bar at the bottom shows the full URL: `https://www.openicpsr.org/openicpsr/workspace?goToPath=/openicpsr/119696&goToLevel=project#addNewComm...`

# Share Project

The screenshot displays the OpenICPSR workspace interface for a project named 'Test AEA Project'. A 'Share project' dialog box is open in the center, allowing the user to share the project with others. The dialog box contains the following elements:

- User Email(s), comma separated.**: A text input field for entering the email addresses of users to be shared with.
- Permissions**: A list of checkboxes to select the level of access for the user:
  - Allow user to read contents
  - Allow user to edit contents
  - Allow user to delete contents
  - Allow user to download contents
  - Allow user to control permissions and publish contents
- SHARE**: A button to confirm the sharing action.
- Actions**: A table with columns for 'User', 'Read', 'Write', 'Delete', 'Download', 'Control', and 'Actions'.
- Close**: A button to close the dialog box.

The background interface shows the project details for 'Test AEA Project', including a sidebar with a list of projects, a search bar, and various project management options like 'CREATE NEW PROJECT', 'PUBLISH PROJECT', and 'Share Project'. The user's name, 'Chelsea Goforth', is visible in the top right corner.

# View Log

The screenshot displays the OpenICPSR workspace interface for project 'openicpsr-119696'. A 'Log History' modal window is open, showing a list of actions performed on the resource URI '/openicpsr/119696'. The background interface includes a sidebar with project navigation, a central workspace area with a file list, and a right-hand panel with project management options like 'PUBLISH PROJECT', 'Share Project', 'Change Owner', 'View Log', and 'Report a Problem'. The 'View Log' button in the right panel is highlighted.

**Log History**

Resource URI: /openicpsr/119696

- Virus scan requested by cgoforth@umich.edu on 6/1/2020 1:18:51 PM.
- Uploaded "TestFile1.docx" successfully by cgoforth@umich.edu on 6/1/2020 1:18:51 PM.
- Virus scan requested by cgoforth@umich.edu on 6/1/2020 1:18:50 PM.
- Uploaded "TestFile3.csv" successfully by cgoforth@umich.edu on 6/1/2020 1:18:50 PM.
- Virus scan requested by cgoforth@umich.edu on 6/1/2020 1:18:50 PM.
- Uploaded "TestFile2" successfully by cgoforth@umich.edu on 6/1/2020 1:18:50 PM.
- Added property dcterms:description: "Summary for testing." by cgoforth@umich.edu on 6/1/2020 1:06:07 PM.
- Added dcterms:creator "Jane W. Doe" by cgoforth@umich.edu on 6/1/2020 1:05:55 PM.
- Created project "Test AEA Project" successfully by cgoforth@umich.edu on 6/1/2020 12:07:18 PM.

Close



# Publish - Terms & Conditions

Review and Publish

openicpsr.org/openicpsr/reviewPublish?resourcePath=/openicpsr/119696&type=project&tenant=openicpsr

Apps UM/ISR General ICPSR UM Email Drupal Jira PC Support ISR MRM Data/Research Prof Dev x\_Personal

OPEN ICPSR Find Data Share Data openICPSR Repositories Management GO Chelsea Goforth

### Publish data

Please review the data carefully

/openicpsr/119696

Title: Test AEA Project  
Principal Investigator(s): Jane W. Doe, Anywhere Un  
Version: V1  
Version Title (optional): En

Name

- TestFile1.docx
- TestFile2
- TestFile3.csv

Project

Collapse All

Project Description

Principal Investigator(s)  
Jane W. Doe, Anywhere Un

Summary (required)  
Summary for testing.

## Terms and Conditions

Once published, information about this data collection will remain permanently in the repository. If any information is incomplete or incorrect, please return to the previous screen to make the necessary changes.

### Assessing Disclosure Risk

Can individuals be identified from information in this Data Collection? If the data were made public, could someone use a combination of variables (e.g. age, sex, race, occupation, geography) to find individuals in a publicly available database?

Yes  No (required)

Does this Data Collection include sensitive information? Would the release of individually identifiable information create a risk of harm (e.g. psychological distress, social embarrassment, financial loss) greater than the risks that people experience in everyday life?

Yes  No (required)

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Public download  Restricted Access

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Do you wish to delay the release of your data? If yes, you are able to delay release for up to three years. Delayed releases immediately publish a citation and descriptive metadata, but the data are not available until the release date.

Yes  No

### License

Which license would you like to apply to this Data Collection? If you would like to use multiple licenses or create a customized license, be sure to upload a LICENSE file alongside the data and documentation within the project workspace and then select the *Other* license option below.

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### Deposit Agreement

I understand that, by depositing data into ICPSR, I agree to the following:

- I, hereby, irrevocably authorize the Regents of the University of Michigan (the "University"), on behalf of ICPSR, a non-exclusive licence, in perpetuity, to use the deposited data for the following purposes, without limitation:

# Published Project

The screenshot shows the openICPSR project page. The browser address bar shows the URL: [openicpsr.org/openicpsr/project/118046/version/V1/view](https://openicpsr.org/openicpsr/project/118046/version/V1/view). The page title is "Data and Code for: Impact of Foreign Official Purchases of US Treasuries on the Yield Curve". The principal investigator is Erin L. Wolcott, Middlebury College. The version is V1. A table lists the project files: Data, Programs, LICENSE.txt, and README.pdf. A red box highlights the "Project Citation" section, which includes the citation text and the DOI: <https://doi.org/10.3886/E118046V1>. A red arrow points to the "DOWNLOAD THIS PROJECT" button. The "Usage Metrics" section shows 17 Views, 6 Downloads, and 1 Publications. The "Published Versions" section shows V1 [2020-05-14]. The "Export Metadata" section shows Dublin Core and DDI 2.5. A "Report a Problem" button is at the bottom right.

**download**

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**DOWNLOAD THIS PROJECT**

**Usage Metrics**

Overall Project Metrics

17 Views | 6 Downloads | 1 Publications

[Download Detailed Metrics](#)

**Published Versions**

[V1 \[2020-05-14\]](#)

**Export Metadata**

[Dublin Core](#)

[DDI 2.5](#)

[Report a Problem](#)

**Project Citation:**

Wolcott, Erin L. Data and Code for: Impact of Foreign Official Purchases of US Treasuries on the Yield Curve. Nashville, TN: American Economic Association [publisher], 2020. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-05-14. <https://doi.org/10.3886/E118046V1>

**Citation and DOI**

**Project Description**

**Summary:** These files contain the programs and data for the journal article "Impact of Foreign Official Purchases of US Treasuries on the Yield Curve," *AEA: Papers and Proceedings*.

**Abstract:** Foreign governments went from owning a tenth of publicly available U.S. Treasury notes and bonds in 1985 to over half in 2008. Recently, foreign governments have reduced their positions. I find foreign official purchases have depressed medium-term yields, despite conventional wisdom pointing towards the long end of the yield curve. To examine effects over the entire yield curve, I embed a structural vector autoregression of macroeconomic variables into an affine term structure model. With segments of the yield curve increasingly determined by international financial markets, it may be more difficult for the Federal Reserve to implement its interest rate policy.

**Funding Sources:** National Science Foundation Graduate Research Fellowship Program (DGE-1144086)

**Scope of Project**

# Citation and DOI

Wolcott, Erin L. Data and Code for: Impact of Foreign Official Purchases of US Treasuries on the Yield Curve. Nashville, TN: American Economic Association [publisher], 2020. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-05-14. <https://doi.org/10.3886/E118046V1>

# Published Project

The screenshot shows a web browser displaying the openICPSR project page. The browser's address bar shows the URL: `openicpsr.org/openicpsr/project/118046/version/V1/view`. The page content is organized into several sections:

- Project Citation:** Wolcott, Erin L. Data and Code for: Impact of Foreign Official Purchases of US Treasuries on the Yield Curve. Nashville, TN: American Economic Association [publisher], 2020. Ann Arbor, MI: Inter-university Consortium for Political and Social Research [distributor], 2020-05-14. <https://doi.org/10.3886/E118046V1>
- Project Description:**
  - Summary:** These files contain the programs and data for the journal article "Impact of Foreign Official Purchases of US Treasuries on the Yield Curve," *AEA: Papers and Proceedings*.
  - Abstract:** Foreign governments went from owning a tenth of publicly available U.S. Treasury notes and bonds in 1985 to over half in 2008. Recently, foreign governments have reduced their positions. I find foreign official purchases have depressed medium-term yields, despite conventional wisdom pointing towards the long end of the yield curve. To examine effects over the entire yield curve, I embed a structural vector autoregression of macroeconomic variables into an affine term structure model. With segments of the yield curve increasingly determined by international financial markets, it may be more difficult for the Federal Reserve to implement its interest rate policy.
  - Funding Sources:** National Science Foundation Graduate Research Fellowship Program (DGE-1144086)
- Scope of Project:**
  - Subject Terms:** term structure; vector autoregression; government bonds; international financial markets; foreign official purchases; Treasury securities; interest rates
  - JEL Classification:**
    - E43 Interest Rates: Determination, Term Structure, and Effects
    - F21 International Investment; Long-term Capital Movements
    - G12 Asset Pricing; Trading Volume; Bond Interest Rates
    - G15 International Financial Markets
  - Geographic Coverage:** United States
  - Time Period(s):** 1/1985 - 8/2014
  - Data Type(s):** program source code; text
- Related Publications:** The following publications are supplemented by the data in this project.
  - Wolcott, Erin L. "Impact of Foreign Official Purchases of US Treasuries on the Yield Curve," *AEA Papers and Proceedings* 110 (May 2020): 535-40. <https://doi.org/10.1257/pandp.20201124>.

On the right side of the page, there are several summary boxes:

- Overall Project Metrics:** 14 Views, 6 Downloads, 1 Publications. Includes a link for [Download Detailed Metrics](#).
- Published Versions:** A red box highlights the version [V1 \[2020-05-14\]](#).
- Export Metadata:** Includes links for [Dublin Core](#) and [DDI 2.5](#).
- Report a Problem:** A button labeled "Report a Problem" with a sub-section for reporting issues.
- Licensing:** A Creative Commons Attribution 4.0 International (CC BY 4.0) license icon and text stating the work is licensed under this license.

A red bracket on the right side of the page groups the "Project Description" and "Scope of Project" sections under the label "Published Metadata".

# Sneak Peek Into New Workflow

The screenshot displays the openICPSR workspace interface. The browser address bar shows the URL: `test.openicpsr.org/openicpsr/workspace?goToPath=/openicpsr/116746&goToLevel=project`. The page header includes the openICPSR logo and navigation links: Find Data, Share Data, openICPSR Repositories, and Management. The user's name, Chelsea Goforth, is visible in the top right corner.

The main content area shows a project titled "Test AEA New Workflow" with a status of "Deposit In Progress". The project description includes the following fields:

- Principal Investigator(s) (required)**: Jane W. Doe, ICPSR (with edit and remove options)
- Summary (required)**: Test! (with edit and remove options)
- Funding Sources**: (with add\_value option)
- Scope of Project**
- Methodology**
- Related Publications**: (with add\_citation option)

On the right side, a summary box for "openicpsr-116746" shows the "Deposit Status: DEPOSIT IN PROGRESS". A red box highlights a "CHANGE STATUS" dropdown menu with the following options:

- Submit to AEA
- Retract Submission
- Re-submit to AEA
- Create New Version

A red arrow points from the text below to the "Submit to AEA" option in the dropdown menu.

Depositors can submit to AEA, recall a submission, re-submit (after being rejected or having revisions requested), and create a new version (post-publication)

# Sneak Peek Into New Workflow

Workspace

test.openicpsr.org/openicpsr/tenant/openicpsr/workspace?goToPath=/openicpsr/116746&goToLevel=project

OPEN ICPSR Find Data Share Data openICPSR Repositories Management

openicpsr / 116746

+ CREATE NEW PROJECT

Search within workspace, enter 3 or more characters

Hide inactive Show all

openicpsr

116746

Test AEA New Workflow [Deposit In Progress] Edit Project Header

Create Folder UPLoad FILES Import From Zip more

Project

- Collapse All

- Project Description

Principal Investigator(s) (required) + add value

Jane W. Doe, ICPSR edit remove

Summary (required)

Test! edit remove

Funding Sources + add value

+ Scope of Project

+ Methodology

+ Related Publications + add citation

AMERICAN ECONOMIC ASSOCIATION

116746

Deposit Status: **SUBMITTED**

CHANGE STATUS

Publish Project

Request Revisions

Reject Project

View Log

Report a Problem

view storage

Current project status displayed prominently on workspace

Administrators can request revisions, reject the project, or publish the project

# Sneak Peek Into New Workflow

The screenshot displays a web browser window with the URL `test.openicpsr.org/openicpsr/tenant/openicpsr/workspace?goToPath=/openicpsr/116746&goToLevel=project`. The page shows a project form with the following sections:

- Principal Investigator(s) (required)**: Jane W. Doe, ICPSR (edit, remove)
- Summary (required)**: Test! (edit, remove)
- Funding Sources**: (+add\_value)
- Scope of Project**: (+)
- Methodology**: (+)
- Related Publications**: (+add\_citation)
- Project Communication Log**: You are NOT watching comments (+add\_entry, watch)

The communication log is highlighted with a red box and contains the following entries:

- Changed the workflow status from DEPOSIT IN PROGRESS to SUBMITTED** posted by SYSTEM on 6/2/2020 4:43:57 PM
- Changed the workflow status from SUBMITTED to REVISION REQUESTED** posted by SYSTEM on 6/2/2020 4:46:08 PM  
Changed the workflow status from SUBMITTED to REVISION REQUESTED with the following note: Please fill in correct JEL codes and enter Manuscript Number.

On the right side of the interface, there is a 'View Log' button, a 'Report a Problem' button, and a 'view storage' link.

Status changes, including any comments, are reflected in the project communication log, which also triggers an email notification

## Questions?

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cgoforth@umich.edu  
lyle@umich.edu

