

# How to Submit an Asset to OpenConstruction?

## 01 Prepare Required Asset Information

Before you begin, have a few necessary items ready. The official asset title, DOI if one is available, the license, the original public resource URL, the author or contributor information, and a short note describing the asset.



### Before You Start

#### **Asset Title**

Use the official title from the source

#### **DOI, if available**

Optional, but useful for verification

#### **License**

Example: CC BY 4.0, MIT, Apache 2.0.

#### **Original resource URL**

Link to the public source

#### **Authors / credit**

Add contributor names to the page

#### **Short note**

Briefly explain what the asset contains



Supported by the  
U.S. National Science Foundation  
Award No. 2612086



02 Navigate to Contributor Page

From the OpenConstruction website, open the Contribute page.



OPENCONSTRUCTION  
Open Science

Catalog

Benchmarks

Docs

Contribute

Community

Log in

Sign up

Discover open digital assets  
for the AEC community



169  
DATASETS



109  
MODELS



31  
WORKFLOWS



34  
PAPERS

All resources

Search resources, authors, titles, or keywords ...

LATEST CATALOG ADDITIONS



Proposed by @DanielSchulz

DATASET2025

ELectrical INstallation  
Symbols from  
Architectural Plans  
(ELINA) Dataset



Proposed by @XuguangWang

DATASET2026

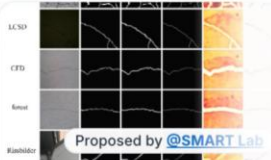
SeisMLLM-1K: A  
Multimodal Dataset for  
Post-Earthquake  
Building Safety



Proposed by @AndreaCarrara

DATASET2026

CubiCasa5k-ScanShift  
Rasterized CAD images ·  
4996 models



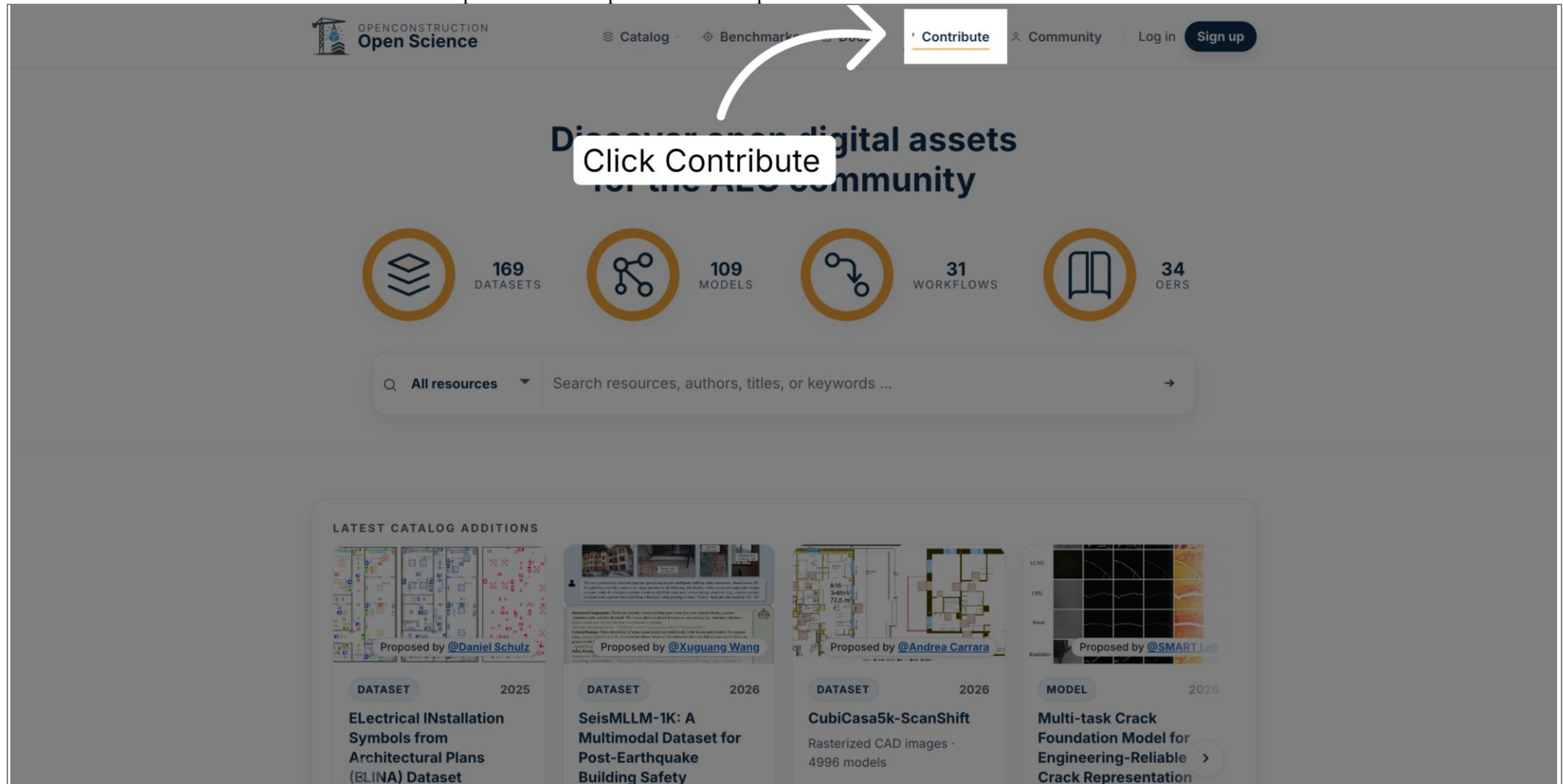
Proposed by @SMARTLab

MODEL2026

Multi-task Crack  
Foundation Model for  
Engineering-Reliable  
Crack Representation

### 03 Click Contribute Button

Click the Contribute button to start the contribution process on the OpenConstruction platform.



## 04 Open Submission Workspace

Then you will see the page How to Contribute. Select Submit Resource. This opens the Open Construction submission workspace. You can log in with any of those as account provider.



[Catalog](#) [Benchmarks](#) [Docs](#) [Contribute](#) [Community](#) [Log in](#) [Sign up](#)

## Contribute to OpenConstruction

WAYS TO HELP

### Propose Resources

- Add a dataset, model, workflow, or OER using the workspace submission form.
- Share links, source metadata, and enough context for others to evaluate the resource.
- Help fill gaps in tasks, modalities, and domains across AEC.

[Submit resource →](#)

### Improve Existing Records

- Correct metadata, add missing licenses, improve links, and clarify abstracts or tags.
- Strengthen discoverability by refining tasks, modalities, and structured fields.
- Report broken links, outdated resources, or inconsistent labels.

[Report correction →](#)

### Review and Steward

- Review proposed additions for quality, attribution, and licensing completeness.
- Help new contributors prepare submissions that are easier to merge and maintain.
- Support module-level curation as the catalog grows.

[Contact us →](#)

### Build the Platform

- Contribute to schemas, validation scripts, benchmarks, UI improvements, and guides.
- Help shape roadmap priorities through issues, support requests, and implementation work.
- Active contributors may grow into longer-term stewardship roles.

[GitHub repo →](#) [Contact us →](#)

## 05 Log In to your account using an identify provider or email link

Click Log in with your account to authenticate and proceed with the submission. OpenConstruction does not store passwords.

The screenshot shows the OpenConstruction Open Science login interface. The header includes the logo and navigation links: Catalog, Benchmarks, Docs, Contribute, Community, Log in, and Sign up. The main heading is "Your research space for open AEC resource". Below it, a text block explains the login process: "Log in to save catalog records, continue Ask OpenConstruction sessions, and submit open resources for review. Use an identity provider or email link. OpenConstruction does not store passwords." A list of benefits is provided: "Return to saved resources and notes.", "Continue Ask OpenConstruction sessions.", and "Review your submissions and reports." At the bottom, there are three buttons: "ASK Search sessions", "LIBRARY Saved resources", and "SUBMIT Catalog review".

On the right side, the login form is titled "Log in to your account" and states "NO PASSWORD REQUIRED". It offers three identity providers: "Log in with GitHub", "Log in with Google", and "Log in with ORCID". Below these, there is an "Email" input field with the placeholder "you@university.edu" and a button "Email me a login link". A note at the bottom of the form states: "Provider identity and session security are handled by the selected identity provider."

Annotations include a white box with the text "Log in to your account" and an arrow pointing to the login form, and another white box at the bottom left with the text "OpenConstruction does not store passwords".

© 2026 OpenConstruction Open Science Initiative

## 06 Enter Contact Information

This is the submission page. Start with your contact information. For example, you can enter your name, demo contributor, email, affiliation.

The screenshot shows a web interface for submitting a resource. On the left is a sidebar with navigation links: Library, Activity, Credentials, and Settings. The main area displays a modal titled 'OPENCONSTRUCTION SUBMISSION' with a close button (X). The modal is divided into sections: 'Submit resource' (with a subtitle 'Share an open dataset, model, workflow, or learning resource for review.'), 'Your contact', 'Resource details', and 'Authorship & credit'. In the 'Your contact' section, the 'Name' field contains 'Demo contributor' and the 'Email' field contains 'name@domain.edu'. The 'Affiliation' field is empty. The 'Resource details' section includes a 'Type' dropdown menu set to 'Dataset', an empty 'Title' field, a 'DOI optional' field with '10.xxxx/xxxxx', and a 'License' field with 'CC BY 4.0, MIT, Apache 2.0...'. The 'Resource URL' field contains 'https://...'. The 'Short note optional' field has the placeholder text 'What should reviewers know about this resource?'. At the bottom right of the modal are 'Cancel' and 'Submit resource' buttons.

**OPENCONSTRUCTION SUBMISSION** ×

**Submit resource**  
Share an open dataset, model, workflow, or learning resource for review.

**Your contact**

Name: Demo contributor | Email: name@domain.edu

Affiliation:

**Resource details**

Type: Dataset | Title:

DOI optional: 10.xxxx/xxxxx | License: CC BY 4.0, MIT, Apache 2.0...

Resource URL: https://...

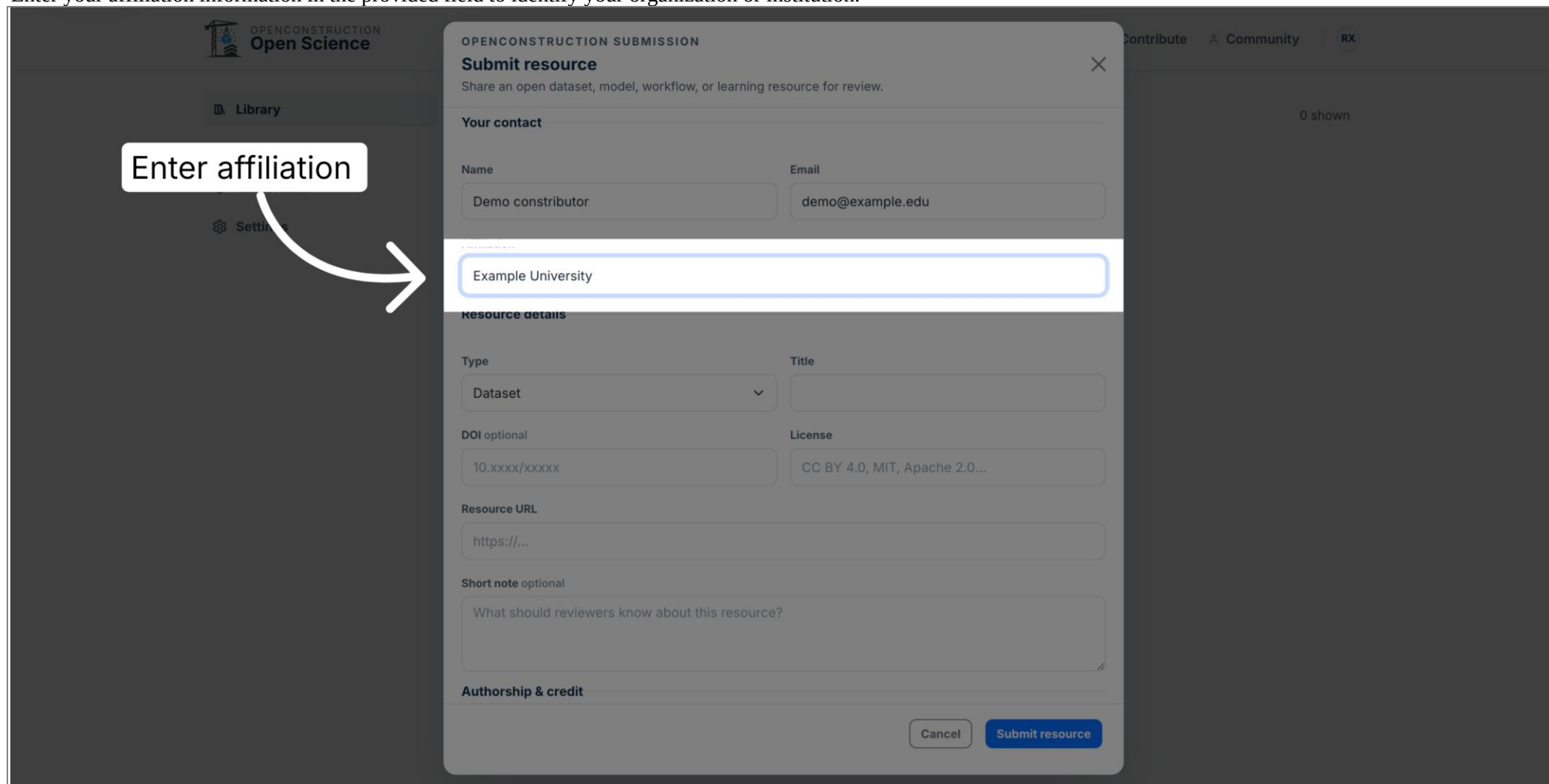
Short note optional: What should reviewers know about this resource?

**Authorship & credit**

Cancel Submit resource

## 07 Enter Affiliation Details

Enter your affiliation information in the provided field to identify your organization or institution.



The screenshot shows the 'OPENCONSTRUCTION SUBMISSION' form titled 'Submit resource'. The form is divided into several sections: 'Your contact', 'Resource details', and 'Authorship & credit'. The 'Your contact' section includes fields for 'Name' (filled with 'Demo contributor') and 'Email' (filled with 'demo@example.edu'). The 'Resource details' section includes fields for 'Type' (a dropdown menu currently showing 'Dataset'), 'Title', 'DOI optional' (filled with '10.xxxx/xxxxx'), 'License' (filled with 'CC BY 4.0, MIT, Apache 2.0...'), 'Resource URL' (filled with 'https://...'), and a 'Short note optional' text area. The 'Authorship & credit' section is partially visible at the bottom. A white callout box with the text 'Enter affiliation' and a curved arrow points to the affiliation field, which is a text input field containing the text 'Example University'. The background of the page shows a dark sidebar with 'Library' and 'Settings' links, and a top navigation bar with 'Contribute', 'Community', and 'RX' links.

**OPENCONSTRUCTION SUBMISSION**

**Submit resource**

Share an open dataset, model, workflow, or learning resource for review.

**Your contact**

Name: Demo contributor

Email: demo@example.edu

Example University

**Resource details**

Type: Dataset

Title:

DOI optional: 10.xxxx/xxxxx

License: CC BY 4.0, MIT, Apache 2.0...

Resource URL: https://...

Short note optional: What should reviewers know about this resource?

**Authorship & credit**

Cancel Submit resource

08 Select Asset Type and Title

You can then choose the type of the asset. You can choose from dataset, model, OER, or workflow. Next, enter the dataset title.



Library

Activity

Credentials

Settings

OPENCONSTRUCTION SUBMISSION

Submit resource

Share an open dataset, model, workflow, or learning resource for review.

Demo contributor

demo@example.edu

Affiliation

Example University

Resource details

Type

Dataset

Title

Demo dataset name

DOI optional

10.xxxx/xxxxx

License

CC BY 4.0, MIT, Apache 2.0...

Resource URL

https://...

Short note optional

What should reviewers know about this resource?

Authorship & credit

Authorship

I am submitting as an author of this resource

Cancel

Submit resource

Contribute

Community

RX

0 shown



09 Add DOI

Add the DOI if one exists.



Library

Activity

Credentials

Settings

OPENCONSTRUCTION SUBMISSION

Submit resource

Share an open dataset, model, workflow, or learning resource for review.

Demo contributor

demo@example.edu

Affiliation

Example University

Resource details

Type

Dataset

Title

Demo dataset name

DOI optional

doi.example

License

CC BY 4.0, MIT, Apache 2.0...

Resource URL

https://...

Short note optional

What should reviewers know about this resource?

Authorship & credit

Authorship

I am submitting as an author of this resource

Cancel

Submit resource

Contribute

Community

RX

0 shown

## 10 Choose License

Provide the proper license for asset reuse and sharing.



Library

Activity

Credentials

Settings

OPENCONSTRUCTION SUBMISSION

Submit resource

Share an open dataset, model, workflow, or learning resource for review.

Demo contributor

demo@example.edu

Affiliation

Example University

Resource details

Type

Dataset

Title

Demo dataset name

DOI optional

doi.example

License

CC BY 4.0

Resource URL

https://...

Short note optional

What should reviewers know about this resource?

Authorship & credit

Authorship

I am submitting as an author of this resource

Cancel

Submit resource

Contribute

Community

RX

0 shown

# 11 Write Asset Summary Note

You can also add a short note to give reviewers useful context.



Library

Activity

Credentials

Settings

OPENCONSTRUCTION SUBMISSION

Submit resource

Share an open dataset, model, workflow, or learning resource for review.

Resource details

Type

Dataset

Title

Demo dataset name

DOI optional

doi.example

License

CC BY 4.0

Resource URL

demo.url

Short note optional

Example dataset note

Authorship & credit

Authorship

I am submitting as an author of this resource

☐ If this resource is accepted, include contributor names on the Community page.

Review checklist

Cancel

Submit resource

## 12 Select Authorship and Permissions

Under Authorship and credit, select the option that accurately describes your relationship to the dataset.

 OPENCONSTRUCTION  
Open Science

Library

Activity

Credentials

Settings

ContributeCommunityRX

0 shown

OPENCONSTRUCTION SUBMISSION

Submit resource

Share an open dataset, model, workflow, or learning resource for review.

doi.example

CC BY 4.0

Resource URL

demo.url

Short note optional

Example dataset note

Authorship & credit

Authorship

I am submitting as an author of this resource

☐ If this resource is accepted, include contributor names on the Community page.

Review checklist

☐ I confirm the contact information is current.

☐ I confirm the metadata is accurate to the best of my knowledge.

☐ I confirm the license information is accurate.

☐ This submission contains no private or sensitive information.

☐ I agree this record may be published in OpenConstruction.

Cancel

Submit resource

### 13 Include Contributor Names on Community Page

Complete any required permission statement and indicate whether contributor names should be included on the OpenConstruction Community page.

The screenshot shows the 'OPENCONSTRUCTION SUBMISSION' form. The form includes fields for 'doi.example', 'CC BY 4.0', 'Resource URL' (demo.url), and a 'Short note optional' field with the text 'Example dataset note'. The 'Authorship' section has a dropdown menu currently set to 'I am submitting as an author of this resource'. A white callout box with the text 'Select contributor inclusion' and an arrow points to this dropdown. Another white callout box points to the dropdown's content, stating 'If this resource is accepted, include contributor names on the Community page.' Below the dropdown is a 'Review checklist' with five items, each preceded by an unchecked checkbox: 'I confirm the contact information is current.', 'I confirm the metadata is accurate to the best of my knowledge.', 'I confirm the license information is accurate.', 'This submission contains no private or sensitive information.', and 'I agree this record may be published in OpenConstruction.' At the bottom right are 'Cancel' and 'Submit resource' buttons. The background shows a sidebar with 'Library', 'Activity', 'Credentials', and 'Settings', and a top navigation bar with 'Contribute', 'Community', and 'RX'.

**OPENCONSTRUCTION SUBMISSION**

**Submit resource**

Share an open dataset, model, workflow, or learning resource for review.

doi.example CC BY 4.0

Resource URL  
demo.url

Short note optional  
Example dataset note

**Authorship & credit**

Authorship  
I am submitting as an author of this resource

If this resource is accepted, include contributor names on the Community page.

**Review checklist**

- ☐ I confirm the contact information is current.
- ☐ I confirm the metadata is accurate to the best of my knowledge.
- ☐ I confirm the license information is accurate.
- ☐ This submission contains no private or sensitive information.
- ☐ I agree this record may be published in OpenConstruction.

Cancel Submit resource

## 14 List All Contributors

So you can include all the contributors for the asset.



Library

Activity

Credentials

Settings

ContributeCommunityRX

0 shown

OPENCONSTRUCTION SUBMISSION

Submit resource

Share an open dataset, model, workflow, or learning resource for review.

demo.url

Short note optional

Example dataset note

Authorship & credit

Authorship

I am submitting as an author of this resource

☒ If this resource is accepted, include contributor names on the Community page.

Contributor names

Add names only with permission. Separate multiple names with commas.

Review checklist

☐ I confirm the contact information is current.

☐ I confirm the metadata is accurate to the best of my knowledge.

☐ I confirm the license information is accurate.

☐ This submission contains no private or sensitive information.

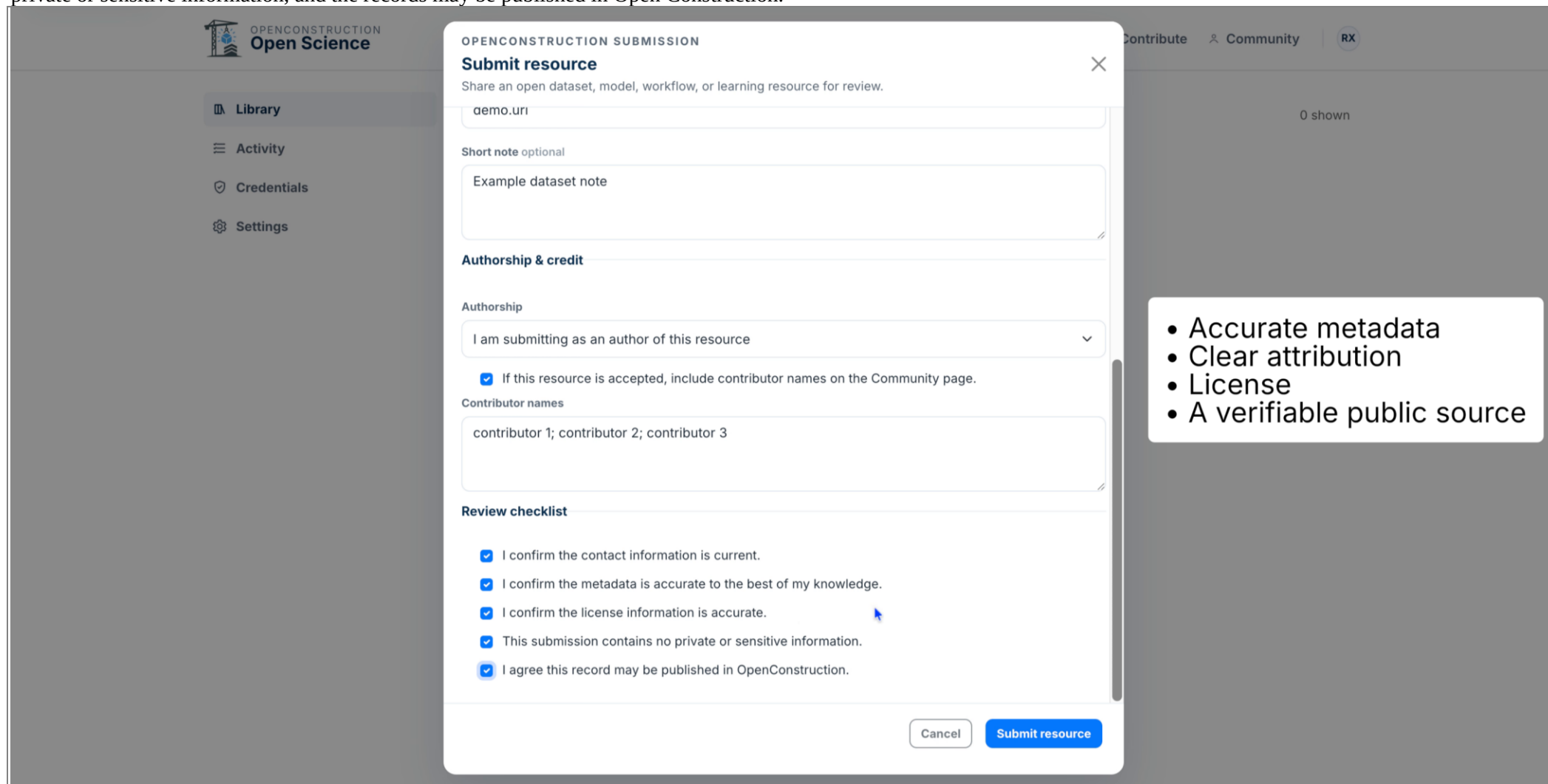
☐ I agree this record may be published in OpenConstruction.

Cancel

Submit resource

## 15 Review Submission Checklist

So before submitting, review the checklist carefully. Confirm your contact information is current, the metadata and license information are accurate. The submission contains no private or sensitive information, and the records may be published in Open Construction.



The screenshot shows the 'OPENCONSTRUCTION SUBMISSION' form. The form includes fields for 'demo.uri', a 'Short note optional' (with 'Example dataset note' entered), and an 'Authorship & credit' section. The authorship dropdown is set to 'I am submitting as an author of this resource'. A checkbox is checked: 'If this resource is accepted, include contributor names on the Community page.' The 'Contributor names' field contains 'contributor 1; contributor 2; contributor 3'. A 'Review checklist' is displayed with five items, all checked: 'I confirm the contact information is current.', 'I confirm the metadata is accurate to the best of my knowledge.', 'I confirm the license information is accurate.', 'This submission contains no private or sensitive information.', and 'I agree this record may be published in OpenConstruction.' At the bottom are 'Cancel' and 'Submit resource' buttons. A white box on the right lists requirements: 'Accurate metadata', 'Clear attribution', 'License', and 'A verifiable public source'.

**OPENCONSTRUCTION SUBMISSION**

**Submit resource**

Share an open dataset, model, workflow, or learning resource for review.

demo.uri

Short note optional

Example dataset note

**Authorship & credit**

Authorship

I am submitting as an author of this resource

☒ If this resource is accepted, include contributor names on the Community page.

Contributor names

contributor 1; contributor 2; contributor 3

**Review checklist**

- ☒ I confirm the contact information is current.
- ☒ I confirm the metadata is accurate to the best of my knowledge.
- ☒ I confirm the license information is accurate.
- ☒ This submission contains no private or sensitive information.
- ☒ I agree this record may be published in OpenConstruction.

Cancel Submit resource

- Accurate metadata
- Clear attribution
- License
- A verifiable public source

## 16 Confirm Contact Information

Click I confirm the contact information is current.

The screenshot shows the 'OPENCONSTRUCTION SUBMISSION' form. The form is titled 'Submit resource' and includes a description: 'Share an open dataset, model, workflow, or learning resource for review.' The form fields include: a URL field with 'demo.uri', a 'Short note optional' field with 'Example dataset note', an 'Authorship & credit' section with a dropdown menu set to 'I am submitting as an author of this resource', a checkbox for 'If this resource is accepted, include contributor names on the Community page.' (checked), and a 'Contributor names' field with 'contributor 1; contributor 2; contributor 3'. Below these is a 'Review checklist' with five items: 'I confirm the contact information is current.' (checked), 'I confirm the metadata is accurate to the best of my knowledge.', 'I confirm the license information is accurate.', 'This submission contains no private or sensitive information.', and 'I agree this record may be published in OpenConstruction.' The form has 'Cancel' and 'Submit resource' buttons at the bottom. A white callout box with the text 'Confirm contact info' and an arrow points to the first checklist item. Another white callout box with the text 'Confirm contact info' is positioned above the 'Contributor names' field.

OPENCONSTRUCTION SUBMISSION

**Submit resource**

Share an open dataset, model, workflow, or learning resource for review.

demo.uri

Short note optional

Example dataset note

**Authorship & credit**

Authorship

I am submitting as an author of this resource

☒ If this resource is accepted, include contributor names on the Community page.

Contributor names

contributor 1; contributor 2; contributor 3

**Review checklist**

☒ I confirm the contact information is current.

☐ I confirm the metadata is accurate to the best of my knowledge.

☐ I confirm the license information is accurate.

☐ This submission contains no private or sensitive information.

☐ I agree this record may be published in OpenConstruction.

Cancel Submit resource

Confirm contact info

Confirm contact info



## 17 Confirm License Information

Click I confirm the license information is accurate.

The screenshot shows the 'OPENCONSTRUCTION SUBMISSION' form. The form is titled 'Submit resource' and includes a description: 'Share an open dataset, model, workflow, or learning resource for review.' The form fields include a URL field (demo.uri), a short note field (Example dataset note), an authorship dropdown (I am submitting as an author of this resource), a checkbox for including contributor names, a contributor names field (contributor 1; contributor 2; contributor 3), and a review checklist. The review checklist has five items: 'I confirm the contact information is current.' (checked), 'I confirm the metadata is accurate to the best of my knowledge.' (checked), 'I confirm the license information is accurate.' (highlighted with a callout), 'This submission contains no private or sensitive information.' (unchecked), and 'I agree this record may be published in OpenConstruction.' (unchecked). The callout box says 'Confirm license info' with an arrow pointing to the third item. The form also has 'Cancel' and 'Submit resource' buttons at the bottom.

OPENCONSTRUCTION SUBMISSION

**Submit resource**

Share an open dataset, model, workflow, or learning resource for review.

demo.uri

Short note optional

Example dataset note

**Authorship & credit**

Authorship

I am submitting as an author of this resource

☒ If this resource is accepted, include contributor names on the Community page.

Contributor names

contributor 1; contributor 2; contributor 3

**Review checklist**

- ☒ I confirm the contact information is current.
- ☒ I confirm the metadata is accurate to the best of my knowledge.
- ☒ I confirm the license information is accurate.
- ☐ This submission contains no private or sensitive information.
- ☐ I agree this record may be published in OpenConstruction.

Cancel Submit resource

Confirm license info

## 18 Confirm No Private Information

Click This submission contains no private or sensitive information.

The screenshot shows the 'OPENCONSTRUCTION SUBMISSION' form titled 'Submit resource'. The form includes fields for a resource URI, a short note, authorship information, contributor names, and a review checklist. A white callout box with the text 'Confirm no private info' and a curved arrow points to a small white dialog box that appears over the checklist. This dialog box contains the text 'This submission contains no private or sensitive information.' and has a 'Submit resource' button. The background form is dimmed, showing the 'Review checklist' section with three checked items: 'I confirm the contact information is current.', 'I confirm the metadata is accurate to the best of my knowledge.', and 'I confirm the license information is accurate.' The 'Submit resource' button is highlighted in blue at the bottom right of the form.

OPENCONSTRUCTION SUBMISSION

**Submit resource**

Share an open dataset, model, workflow, or learning resource for review.

demo.uri

Short note optional

Example dataset note

**Authorship & credit**

Authorship

I am submitting as an author of this resource

☒ If this resource is accepted, include contributor names on the Community page.

Contributor names

contributor 1; contributor 2; contributor 3

**Review checklist**

☒ I confirm the contact information is current.

☒ I confirm the metadata is accurate to the best of my knowledge.

☒ I confirm the license information is accurate.

☐ I agree this record may be published in OpenConstruction.

Cancel Submit resource

Confirm no private info

This submission contains no private or sensitive information.

## 19 Agree to Publish Record

Click I agree this record may be published in OpenConstruction.

The screenshot shows the 'OPENCONSTRUCTION SUBMISSION' form. The form is titled 'Submit resource' and includes a description: 'Share an open dataset, model, workflow, or learning resource for review.' The form fields are as follows:

- Resource URI:** A text input field containing 'demo.uri'.
- Short note optional:** A text input field containing 'Example dataset note'.
- Authorship & credit:**
  - Authorship:** A dropdown menu with the selected option 'I am submitting as an author of this resource'.
  - Contributor names:** A text input field containing 'contributor 1; contributor 2; contributor 3'.
- Review checklist:**
  - ☒ I confirm the contact information is current.
  - ☒ I confirm the metadata is accurate to the best of my knowledge.
  - ☒ I confirm the license information is accurate.
  - ☒ This submission contains no private or sensitive information.
  - ☐ I agree this record may be published in OpenConstruction.

At the bottom of the form are two buttons: 'Cancel' and 'Submit resource'. A white callout box with the text 'Agree to publish' and a white arrow points to the checkbox 'I agree this record may be published in OpenConstruction.'.

## 20 Submit Resource

When everything is correct, select Submit Resource.

The screenshot shows a web application interface with a sidebar on the left and a main content area. The sidebar contains the following links: Library, Activity, Credentials, and Settings. The main content area is partially obscured by a modal window titled "OPENCONSTRUCTION SUBMISSION".

The modal window has a close button (X) in the top right corner. The title "Submit resource" is followed by the instruction "Share an open dataset, model, workflow, or learning resource for review." Below this is a text input field containing "demo.uri".

Next is a section labeled "Short note optional" with a text input field containing "Example dataset note".

The "Authorship & credit" section includes a dropdown menu for "Authorship" with the selected option "I am submitting as an author of this resource". Below this is a checkbox labeled "If this resource is accepted, include contributor names on the Community page." which is checked. Underneath is a text input field for "Contributor names" containing "contributor 1; contributor 2; contributor 3".

The "Review checklist" section contains five items, all of which are checked:

- ☒ I confirm the contact information is current.
- ☒ I confirm the metadata is accurate to the best of my knowledge.
- ☒ I confirm the license information is accurate.
- ☒ This submission contains no private or sensitive information.
- ☒ I agree this record may be published in OpenConstruction.

At the bottom of the modal are two buttons: "Cancel" and "Submit resource".

## 21 Review Contribution Process

That's it. Your real contribution will go through review before it is added to the Open Construction Catalog.



### Submission complete. What happens next

Your submission is reviewed for metadata quality, attribution, licensing, and public-source verification

[Openconstruction.org](https://openconstruction.org)

Question? [support@openconstruction.org](mailto:support@openconstruction.org)



Supported by the  
U.S. National Science Foundation  
Award No. 2612086

