

# Using Jama

A Guide for Document Reviewers



# Section 1

## Obtaining a URS Account and Requesting Access to Jama



A URS account (also known as an Earthdata Login account) is needed to access Jama. Proceed to Section 2 if you already have access to the review.



# Step 1: Register for a Profile

<https://urs.earthdata.nasa.gov/users/new>

Registration is quick and easy. Just  
click on

**REGISTER FOR A PROFILE.**

Get single sign-on access to all your favorite EOSDIS sites

REGISTER FOR A PROFILE

Then just click on the **REGISTER** button to get started. You will then be prompted to create a user profile by supplying a username, password, and an email address. You will also be requested for some additional information about you and the kind of data user you are. This information helps NASA understand EOSDIS data users and make improvements. You can make changes to your user profile at anytime afterward.

# Step 2: Enter Required Information

Create a user profile by supplying the requested information. Scroll down to complete all fields.

 **EARTHDATA LOGIN** [Documentation](#)

**Register for an Earthdata Login Profile**

Profile Information

**Username:**

**Password:**

**Password Confirmation:**

**Required field**

**Username must:**

- Be a Minimum of 4 characters
- Be a Maximum of 30 characters
- Use letters, numbers, periods and underscores
- Not contain any blank spaces
- Not begin, end or contain two consecutive special characters( . \_ )

**Password must contain:**

- Minimum of 8 characters
- One Uppercase letter
- One Lowercase letter
- One Number

User Information

**First Name:**

**Middle Initial:**

**Last Name:**

**E-mail:**

## Step 3: Complete Registration

Once you complete the form, click on **REGISTER FOR EARTHDATA LOGIN** at the bottom of the page. That's it. Your registration is ready to use. A welcome email will be sent to you with information on how to get started.

You can update your user profile or password at any time by going to <https://urs.earthdata.nasa.gov/>.

Once you log in, click on **Edit Profile** in the top menu bar to make changes to your user profile.



## Step 4: Request Access to Jama

To access the Jama system, please provide your Earthdata Login username along with the email address associated with your profile to the ESDIS Standards Coordination Office (ESCO) at [esco-staff@lists.nasa.gov](mailto:esco-staff@lists.nasa.gov) to set up your Jama account.

A confirmation email will be sent to you once you have been set up in Jama and added to the review.

## Step 5: Request Access to a Review

If you already have a Jama account and would like to participate in an existing review, please provide your Earthdata Login username to ESCO at [esco-staff@lists.nasa.gov](mailto:esco-staff@lists.nasa.gov) to be added to the list of reviewers.

A confirmation email will be sent to you once you have been added to the review.

# Section 2

## Using Jama



Leaving Feedback



# Reviewer Responsibilities

The intent of a Jama review is to facilitate discussion on proposed content as an accepted standard/practice for use in NASA Earth science data systems.

Reviewers are requested to evaluate the content of the proposal to identify any strengths, weaknesses, omissions, obstacles, and/or limitations related to the endorsement of the proposal. Please provide feedback by adding comments, requesting clarification, proposing changes, or identifying issues.



# Step 1: Log in

Go to: <https://rms.earthdata.nasa.gov/> or use the link in the review email.

Enter your URS/Earthdata Login Username and Password.



Sign in

Username

Password

Sign in

# Step 2: Open Jama

Select a review from your dashboard if Jama did not open to a specific review.

The screenshot shows the 'My Reviews' section of the Jama dashboard. The navigation bar includes 'STREAM' and 'REVIEWS'. The page title is 'My Reviews (21)'. Three review cards are displayed:

- Card 1:** ESDIS Standards Coordination Office, SpatioTemporal Assessment Catalogs (STAC), V3. Moderator(s): Steve Olding, Marseille Bunk. 13 days left. 21 Items Left to Review.
- Card 2:** ESDIS Standards Coordination Office, ADMG Inventory Terms (Second Round), V3. Moderator(s): Steve Olding, Deborah Smith, Stephanie Wingo and 1 more. 85 days ago. Completed.
- Card 3:** GCMD Keywords, Machine Learning Models and Training Data Keywords, V5. Moderator(s): Scott Ritz, Tyler Stevens, Steve Olding. 203 days ago. Completed.

# Note.... Review is divided into multiple sections.

ESDIS Standards Coordination Office / REV-586

SpatioTemporal Asset Catalogs (STAC) V3 Compare

02/07/2023 In progress

21 items

- 24 RFC-044v0.1  
STAC
- 4 24.1 Introduction  
The STAC specification [1] is a common language to describe geospatial information, so it can more easily be leveraged, indexed, and discovered. It is a standardized way to expose collection adoption of this common standard, different catalogs can be compared and aggregated, tooling and libraries can be applied in the same manner against multiple catalogs and user interfaces can  
STAC defines a spatiotemporal asset as any file that represents information about the earth captured in a certain space and time.  
The goal is for all providers of spatiotemporal assets (Imagery, Point Clouds, Data Cubes, Full Motion Video, etc) to expose their data as SpatioTemporal Asset Catalogs (STAC), so that exist
- 6 24.1.1 Motivation  
STAC has rapidly become the de facto standard for cloud-based catalog representation, both in terms of static catalog portrayals and catalog APIs. Whilst there is nothing within the specification online asset catalogs in general and arose at the same time that our communities started thinking about how best to discover and access data on the cloud. The reality of the situation is that example, defines 'cloud enabled data' as being discoverable via STAC.  
The uptake of STAC as a catalog standard is demonstrated by the amount of tooling and library support that has evolved since its first release in May of 2021. That support is detailed in later NASA EOSDIS provides a STAC API covering its entire data holdings at <https://cmr.earthdata.nasa.gov/stac> as well as a cloud-based catalog API at <https://cmr.earthdata.nasa.gov/harmony> by the [Harmony API](#) that creates on-demand products, asynchronously and portrays them to the end user as STAC catalogs that can be consumed by a variety of libraries and tooling (see [Harmony API](#))  
It is a lightweight, JSON-based language that is asset-oriented, self-navigable and tailored towards the spatial and temporal domain. All of these qualities make it ideal for a cloud-based catalog
- 24.1.2 Evidence of Implementation  
The following examples demonstrate implementations of STAC across a diverse set of stakeholders.

# Step 3: Open the Comment Box

Open a **Dialog Box** by highlighting text to add a comment, ask a question, propose a change, or identify an issue.

The screenshot shows a document viewer interface with a sidebar on the left and a main content area. The sidebar contains a list of items: '24 RFC-044v0.1 STAC', '24.1 Introduction', and '24.1.1 Motivation'. The main content area displays the text of the '24.1 Introduction' section. A yellow highlight is applied to the text 'The STAC specification'. A dialog box titled 'Add highlight' is open over this text. The dialog box contains a text input field with the text 'STAC specification' and a rich text editor toolbar with buttons for bold (B), italic (I), underline (U), strikethrough (S), bulleted list, numbered list, link, and unlink. Below the toolbar are icons for comment, question, edit, and warning. At the bottom of the dialog are 'Comment' and 'Cancel' buttons. The background document text is partially visible through the dialog box.

# View Existing Comments...

Click on **Give Feedback** balloon to enter general feedback for the section or to view comments from other reviewers.

24 RFC-044v0.1  
STAC

4

ESCO Reviewer Introduction

E Add a new comment

E ESCO Reviewer Comment • a day ago  
existing  
Is "existing" too limiting – what about new & emerging software?  
👍 • Edit • Delete

E Add your reply

E ESCO Reviewer Comment • a day ago V3

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representation, both  
unities started think  
of tooling and libra  
<https://cmr.earth>  
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able and tailored to

# Step 4: Type in Your Comment

Enter your feedback - add a comment, ask a question, propose a change, or identify an issue.

The screenshot shows a document editor interface with a sidebar on the left containing navigation icons and a main content area. The document is titled "24 RFC-044v0.1 STAC" and is divided into sections: "24.1 Introduction", "24.1.1 Motivation", and "24.1.2.1 STAC Catalogs". A red callout bubble with the text "Type in feedback." points to a comment box that is open over the word "it" in the "24.1.1 Motivation" section. The comment box contains the text "Consider replacing 'it' with 'spatiotemporal assets'." and has a "Comment" button and a "Cancel" button. The background text in the document includes: "The STAC specification [1] is a common language to describe geospatial information, so it can more easily be leveraged, indexed, and discovered. It is a standardized way to adoption of this common standard, different catalogs can be processed and aggregated, tooling and libraries can be applied in the same manner against multiple catalogs and u data as SpatioTemporal Asset Catalogs (STP s and catalog APIs. Whilst there is nothing w d access data on the cloud. The reality of the its first release in May of 2021. That support loud-based catalog API at <https://cmr.earth> it can be consumed by a variety of libraries a main. All of these qualities make it ideal for a

# Step 5: Categorize Comment

Categorize the comment to help the moderator and participants understand the feedback.

The screenshot shows a document editor interface. On the left, a sidebar contains a list of sections: "24.1 Introduction" (with a blue notification bubble containing the number 4), "24.1.1 Motivation" (with a blue notification bubble containing the number 6), and "24.1.2.1 STAC Catalogs". The main content area displays the text of the "24.1 Introduction" section. A word "it" in the text is highlighted in yellow. A dialog box titled "Add highlight" is open over the highlighted word. The dialog box has a close button (X) in the top right corner. Below the title, the word "it" is shown in a yellow box. Below that is a text input field containing the text "Consider replacing 'it' with 'spatiotemporal assets'.". Above the input field is a toolbar with icons for bold (B), italic (I), underline (U), strikethrough (S), bulleted list, numbered list, link, and unlink. Below the input field is another toolbar with icons for a speech bubble (comment), a question mark, a pencil (edit), and an exclamation mark (flag). To the right of this toolbar are two buttons: "Comment" (in blue) and "Cancel" (in grey). A red speech bubble callout points to the comment icon in the toolbar, containing the text: "Identify feedback as a comment, question, proposed change, or issue."

# Step 6: Save Feedback

Click the **Comment** button to save your comment, question, suggestion, or issue.

The screenshot shows a document viewer interface with a sidebar on the left containing navigation icons and a main content area. The main content area displays the following text:

**24.1 Introduction**  
The STAC specification [1] is a common language to describe geospatial information, so it can more easily be leveraged, indexed, and adoption of this common standard, differ

**24.1.1 Motivation**  
STAC has rapidly become the de facto online asset catalogs in general and for example, defines 'cloud enabled data' as

The uptake of STAC as a catalog standard NASA EOSDIS provides a STAC API by the [Harmony API](#) that creates on-de

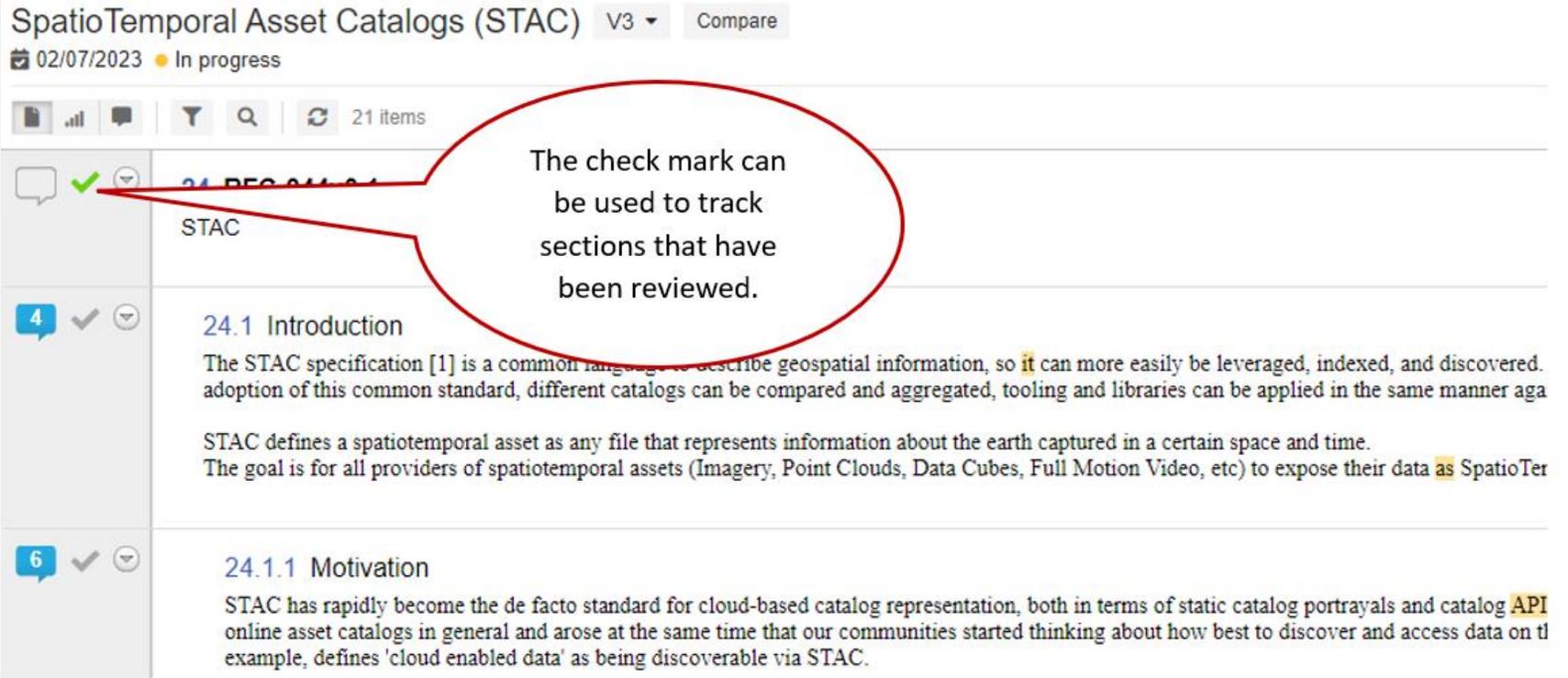
It is a lightweight, JSON-based language

**24.1.2 Evidence of Implementation**  
The following examples demonstrate in

**24.1.2.1 STAC Catalogs**

An "Add highlight" dialog box is overlaid on the text. The dialog box has a title bar with a close button (X) and a search icon (T). The text "it" is highlighted in the document. The dialog box contains a rich text editor with the text "Consider replacing 'it' with 'spatiotemporal assets'." Below the editor are icons for comment, question, edit, and warning. A blue "Comment" button and a grey "Cancel" button are at the bottom right of the dialog box. A red callout bubble points to the "Comment" button with the text: "Click on Comment to submit feedback."

# Step 7: Mark as Reviewed



The screenshot shows the SpatioTemporal Asset Catalogs (STAC) V3 interface. The top bar includes the title "SpatioTemporal Asset Catalogs (STAC)", a version dropdown set to "V3", and a "Compare" button. Below the title, there is a date "02/07/2023" and a status "In progress". A toolbar contains icons for document, signal, chat, filter, search, refresh, and a count of "21 items". The main content area displays a list of items. The first item is "STAC" with a checkmark and a dropdown arrow. A red speech bubble points to this checkmark with the text: "The check mark can be used to track sections that have been reviewed." Below it are two more items: "24.1 Introduction" with a blue notification bubble containing the number "4" and a checkmark, and "24.1.1 Motivation" with a blue notification bubble containing the number "6" and a checkmark. The text for each item is visible below its title.

The check mark can be used to track sections that have been reviewed.

Click on the check mark as you complete your review of each section. This allows you keep track of which items you've completed reviewing and how much of the document still requires review.

# Saving vs. Submitting

## Saving Comments

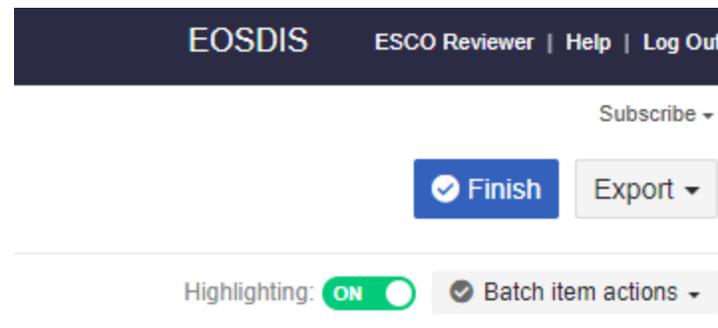
- The process described above saves your comments so you can stop and recommence reviewing the document throughout the duration of the review.

## Submitting Comments

- When you have completed reviewing the document and entering all your feedback, you must submit the review in order to alert the administrators that your review is complete.
- See next page for demonstration of how this is done.

# Step 8: Submit Review

When you are finished reviewing the document, click the “**Finish**” button on the upper right menu bar and the administrators will be notified that you have completed your review



The “**Export**” button can be used to save the review as a Word or PDF file.

# Section 3

## Using Jama



Agreeing with and/or Replying to other Reviewer Comments



STREAM REVIEWS

ESDIS Standards Coordination Office / REV-586

SpatioTemporal Asset Catalogs (STAC) V3 Compare

02/07/2023 In progress

21 items

24 RFC-044v0.1 STAC

Click on the Give Feedback balloon to open dialog.

ESO-TXT-211 - Introduction

Add a new comment

ESCO Reviewer Comment • a day ago V3

existing

Is "existing" too limiting – what about new & emerging software?

Edit Delete

Add your reply

ESCO Reviewer Comment • a day ago V3

In the introduction, it would be helpful to mention that the SpatioTemporal Asset Catalogs (STAC) specification is being recommended as a discovery and catalog standard

24.1.2.1 STAC Catalogs

STAC catalogs are a succinct and standardized way of conveying the results of process available STAC catalogs can be found at <https://stacindex.org/catalogs?type=stac>

# Step 1: View Previous Comments

- Comments left by other reviewers can be viewed by clicking on the comment balloon for any section.
- The number of comments posted is displayed inside the balloon

ESDIS Standards Coordination Office / REV-586

SpatioTemporal Asset Catalogs (STAC) V3 Compare

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👍 • Edit • Delete

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24.1.2.1 STAC Catalogs

STAC catalogs are a succinct and standardized way of conveying the results of processing. Available STAC catalogs can be found at <https://stacindex.org/catalogs?type=stac>

**Edit or delete your comments.**

## Step 2: Edit or Delete Comment

- Click Edit to make changes to your comment or Delete to remove the comment from the review.

STREAM REVIEWS

ESDIS Standards Coordination Office / REV-586

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24.1.2.1 STAC Catalogs

STAC catalogs are a succinct and standardized way of conveying the results of proce available STAC catalogs can be found at <https://stacindex.org/catalogs?type=sta>

"Like" or reply to another reviewer's feedback.

## Step 3: Agree and/or Reply

- Agree with comments left by other reviewers by clicking the "Like" icon.
- Enter a response to a comment (*optional*).

# Section 4

## Using Jama

...

Optional Tracking and Filtering Tools



# Tool 1: Follow Discussion

SpatioTemporal Asset Catalogs (STAC) V3 Compare

02/07/2023 In progress

21 items

  	<b>24 RFC-044v0.1</b> STAC
  	<b>24.1 Introduction</b> The STAC specification [1] is a common language to describe geospatial information, so it can more easily be leveraged, indexed, and discovered. adoption of this common standard, different catalogs can be compared and aggregated, tooling and libraries can be applied in the same manner aga  STAC defines a spatiotemporal asset as any file that represents information about the earth captured in a certain space and time. The goal is for all providers of spatiotemporal assets (Imagery, Point Clouds, Data Cubes, Full Motion Video, etc) to expose their data as SpatioTer
  	<b>24.1.1 Motivation</b> STAC has rapidly become the de facto standard for cloud-based catalog representation, both in terms of static catalog portrayals and catalog API online asset catalogs in general and arose at the same time that our communities started thinking about how best to discover and access data on tl example, defines 'cloud enabled data' as being discoverable via STAC.

The subscribe icon can be used to follow discussion in a section.

Click the Subscribe icon to follow discussion on topics of interest.

## Tool 2: Menu Bar



The top menu bar provides additional tools for the review.

- Review icon to return to review after viewing other components.
- Stats icon to view Participant Progress, Item Progress, and Review Activity.
- Feedback icon to see a complete list of comments from all reviewers.
- Filter icon to filter items by Activity, Comments by status, Comments by version, and Comments by Author.
- Find icon to search for terms of interest within the review.
- Refresh icon to refresh the page.
- Count of sections in the review.

# Tool 3: Highlighter Toggle

Turn on or off the highlights left by other reviewers by clicking on the Highlighter icon.

The screenshot shows the top navigation bar of the EOSDIS ESCO Reviewer interface. The header includes the text "EOSDIS" and "ESCO Reviewer | Help | Log Out". On the right side of the header, there is a "Subscribe" dropdown menu. Below the header, there are two buttons: a blue "Finish" button with a checkmark icon and a grey "Export" button with a dropdown arrow. In the main content area, there is a "Highlighting:" toggle switch currently set to "OFF", and a "Batch item actions" dropdown menu with a checkmark icon. A red callout bubble points to the "Highlighting:" toggle switch, containing the text "Toggle Highlights on or off." Below the callout, there is a scrollable content area with text that is partially visible, including "tions of spatiotemporal data and provides a common structure for describing and cataloging spatiotemporal assets. With wide" and "can be reused." and "isting software packages can continue to support STAC without modification whenever a new data set or API is released."