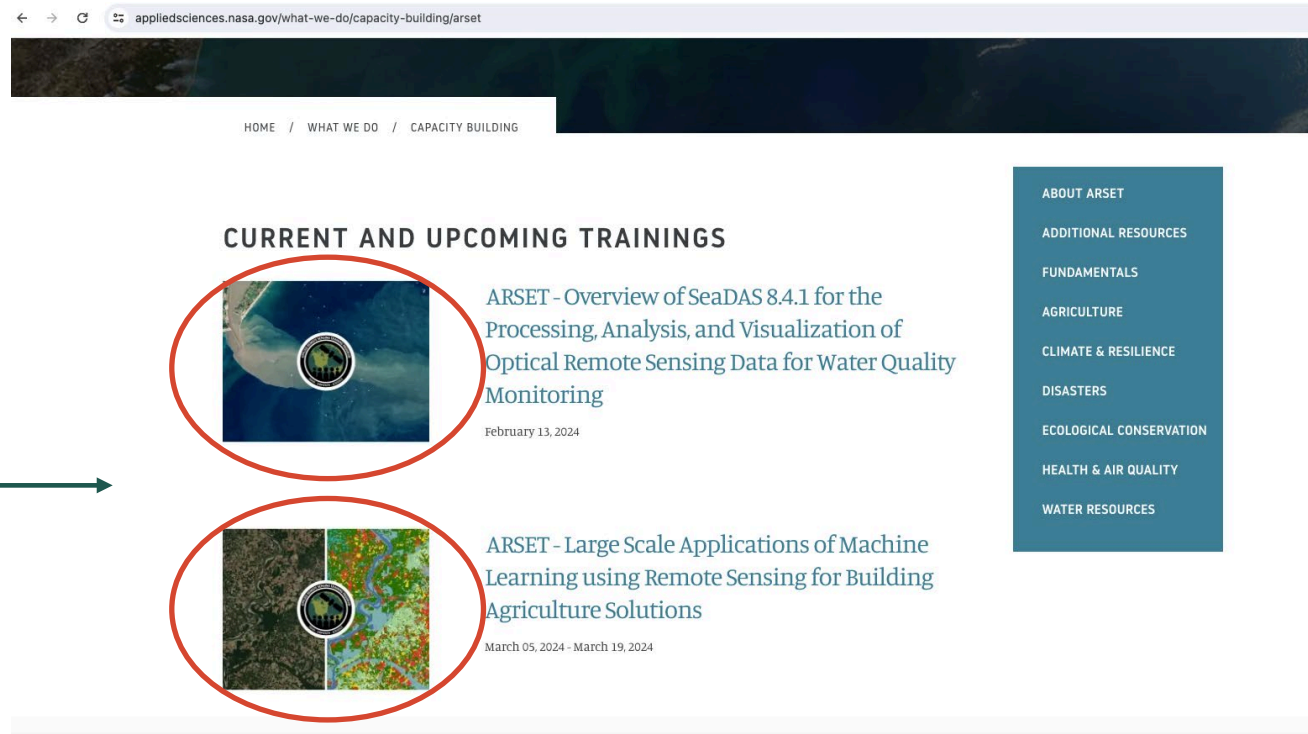


# Navigating the Training Webpage for NASA ARSET Trainings

- A training's webpage hosts all materials needed for the training.
- Individual trainings are located on the [NASA ARSET homepage](#) when registration is available.



The screenshot shows the NASA ARSET homepage at [appliedsciences.nasa.gov/what-we-do/capacity-building/arset](https://appliedsciences.nasa.gov/what-we-do/capacity-building/arset). The page features a navigation menu with links to HOME, WHAT WE DO, and CAPACITY BUILDING. The main content area is titled "CURRENT AND UPCOMING TRAININGS" and lists two training opportunities, each with a thumbnail image circled in red. The first training is "ARSET - Overview of SeaDAS 8.4.1 for the Processing, Analysis, and Visualization of Optical Remote Sensing Data for Water Quality Monitoring" scheduled for February 13, 2024. The second training is "ARSET - Large Scale Applications of Machine Learning using Remote Sensing for Building Agriculture Solutions" scheduled for March 05, 2024 - March 19, 2024. A right-hand sidebar contains a list of categories: ABOUT ARSET, ADDITIONAL RESOURCES, FUNDAMENTALS, AGRICULTURE, CLIMATE & RESILIENCE, DISASTERS, ECOLOGICAL CONSERVATION, HEALTH & AIR QUALITY, and WATER RESOURCES. Annotations include a green arrow pointing to the browser address bar labeled "Homepage URL" and another green arrow pointing to the training thumbnails labeled "Open Trainings".

← Homepage URL

Open Trainings →

# Navigating the Training Webpage for NASA ARSET Trainings

- Register for a training by clicking on its training webpage.
- Registration boxes will be located below the training description if the training is open.

→  
Training Description

## DESCRIPTION

Remote sensing data is becoming crucial to solve some of the most important environmental problems, especially pertaining to agricultural applications and food security. Effectively working with this large data source requires different tools and processing, such as cloud computing and infrastructure. Participants will become familiar with data format and quality considerations, tools, and techniques to process remote sensing imagery at large scale from publicly available satellite sources, using cloud tools such as AWS S3, Databricks, and Parquet. Additionally, participants will learn how to analyze and train machine learning models for classification using this large source of data to solve environmental problems with a focus on agriculture. Participants will have a basic understanding of tools such as Pyspark and TensorFlow. We hope that participants in this course will walk away with the skills and tools to train algorithms using satellite imagery to solve environmental problems anywhere on the planet.

OPTIONAL: To follow along with the demonstrations for this training, please create an account to login to [Databricks](#) prior to the training start date.

[ AGENDA ]

REGISTRATION FOR SESSION A 10:00 - 11:30 EST (UTC-5) [↗](#)

REGISTRATION FOR SESSION B 2:00 - 3:30 EST (UTC-5) [↗](#)

→  
Training Registration

## DETAILS

March 5, 2024 - March 19, 2024

LANGUAGE(S): [English](#)

TRAINING TYPE: [Online Instructor-Led](#)

LEVEL: [Advanced](#)

REGISTRATION DEADLINE: [March 19, 2024](#)

TRAINING SOURCE: [ARSET](#)

←  
Training Details



# Navigating the Training Webpage for NASA ARSET Trainings

- The training's presentation slides, Q&A transcript, homework, and other relevant materials such a code or downloadable data (if applicable) are listed below each training part.
- A recording of the training will be posted under its listed part within 48-hours after the live webinar.
- The live Q&A transcript will be published to the training webpage within a week after the live webinar.
- All materials will remain on the training webpage for review at any time.

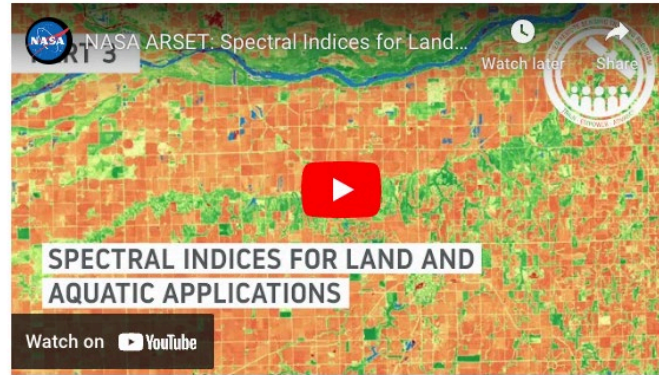


# Navigating the Training Webpage for NASA ARSET Trainings

Training Part →

Part 3

Thursday, November 9, 2023



← Training Recording

Trainers: Britnay Beaudry, Sativa Cruz, Amber McCullum, & Juan Torres-Pérez

- Introduction
- Enhanced Vegetation Index (EVI)
- Soil-Adjusted Vegetation Index (SAVI)
- Normalized Burn Ratio (NBR)
- Example: Index Calculation in GEE
  - CODE LINK: <https://code.earthengine.google.com/cf527405df03a3cfc4cb2e558a82bf95>

Materials:

- [Presentation Slides](#)
- [Q&A Transcript](#)
- [Homework \(Due November 23rd\)](#)

← Training Materials



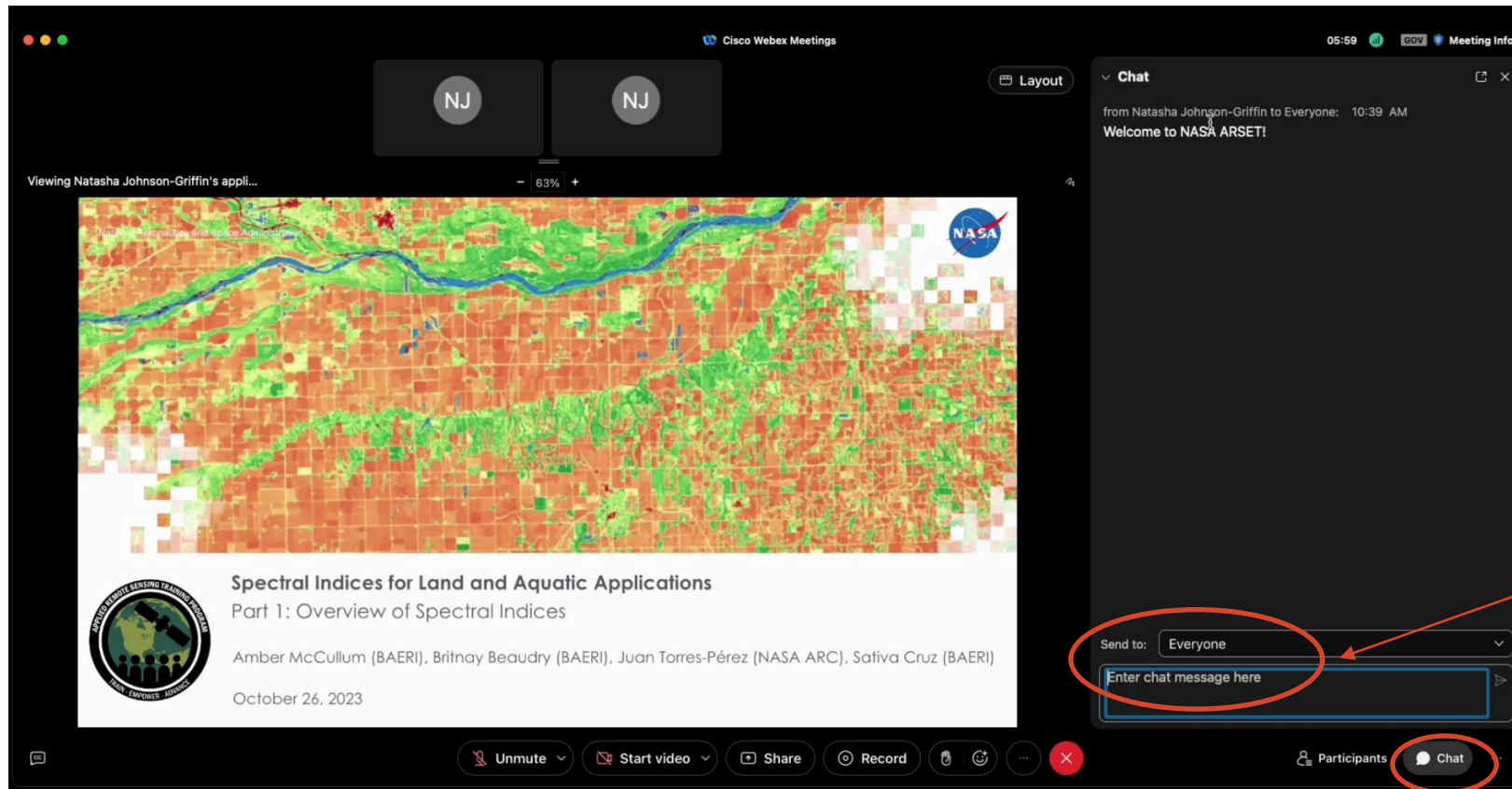
# Navigating Webex for NASA ARSET Trainings

- Follow the "join webinar" instructions provided in the training registration email.
- Participants will automatically be muted upon entry.
- The webinar will open 30-minutes to 1-hour before the start of the training.
- All training materials can be found on the training webpage.



# Navigating Webex for NASA ARSET Trainings

- The Webex platform will have similar functions in both the Webex app or joining by browser.



Shared Screen Content →

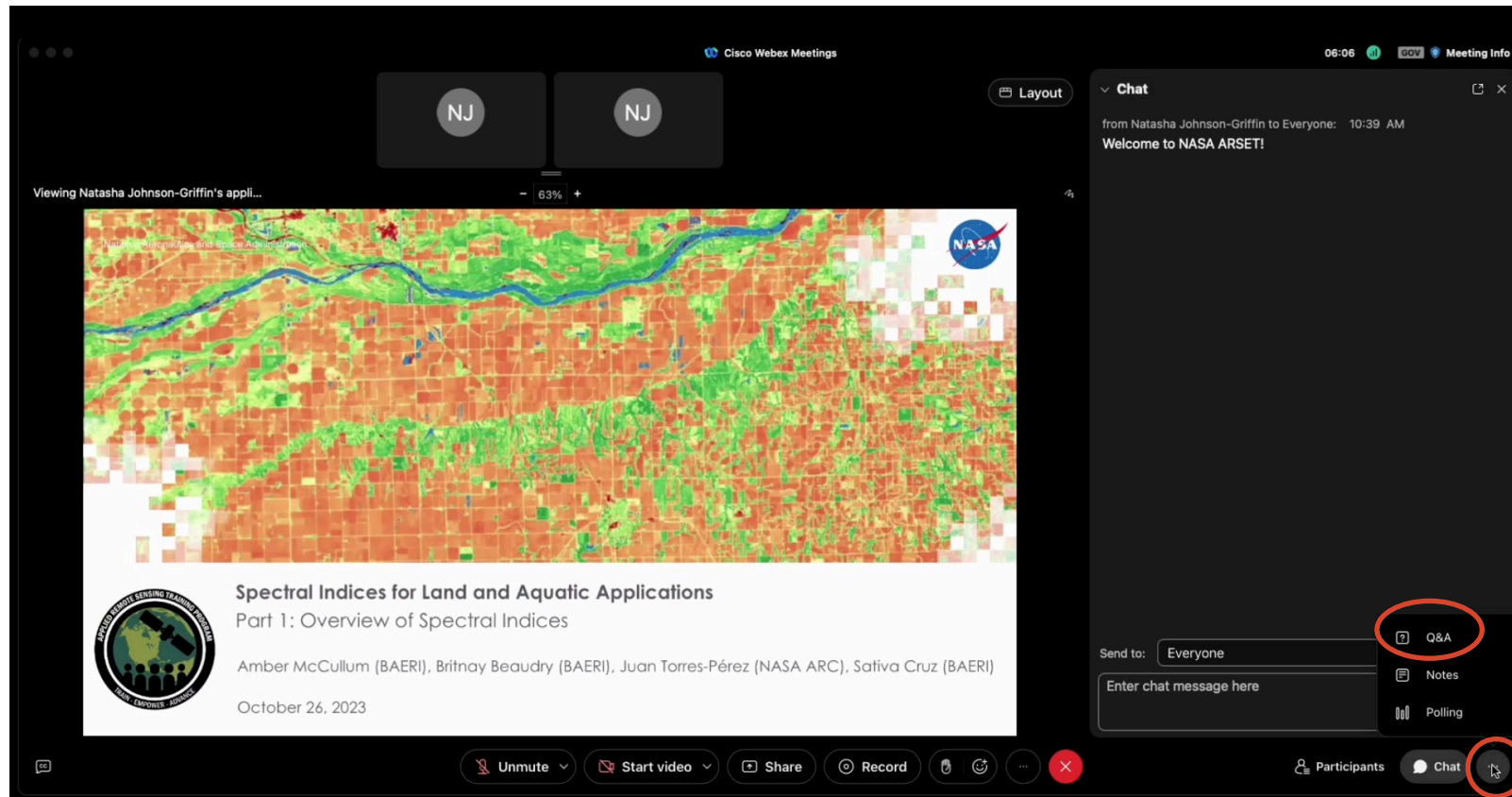
Enter Chat Message Here

To Open Chat Box



# Navigating Webex for NASA ARSET Trainings

- To ask a question, locate the three dots ... to the bottom right of the training window.



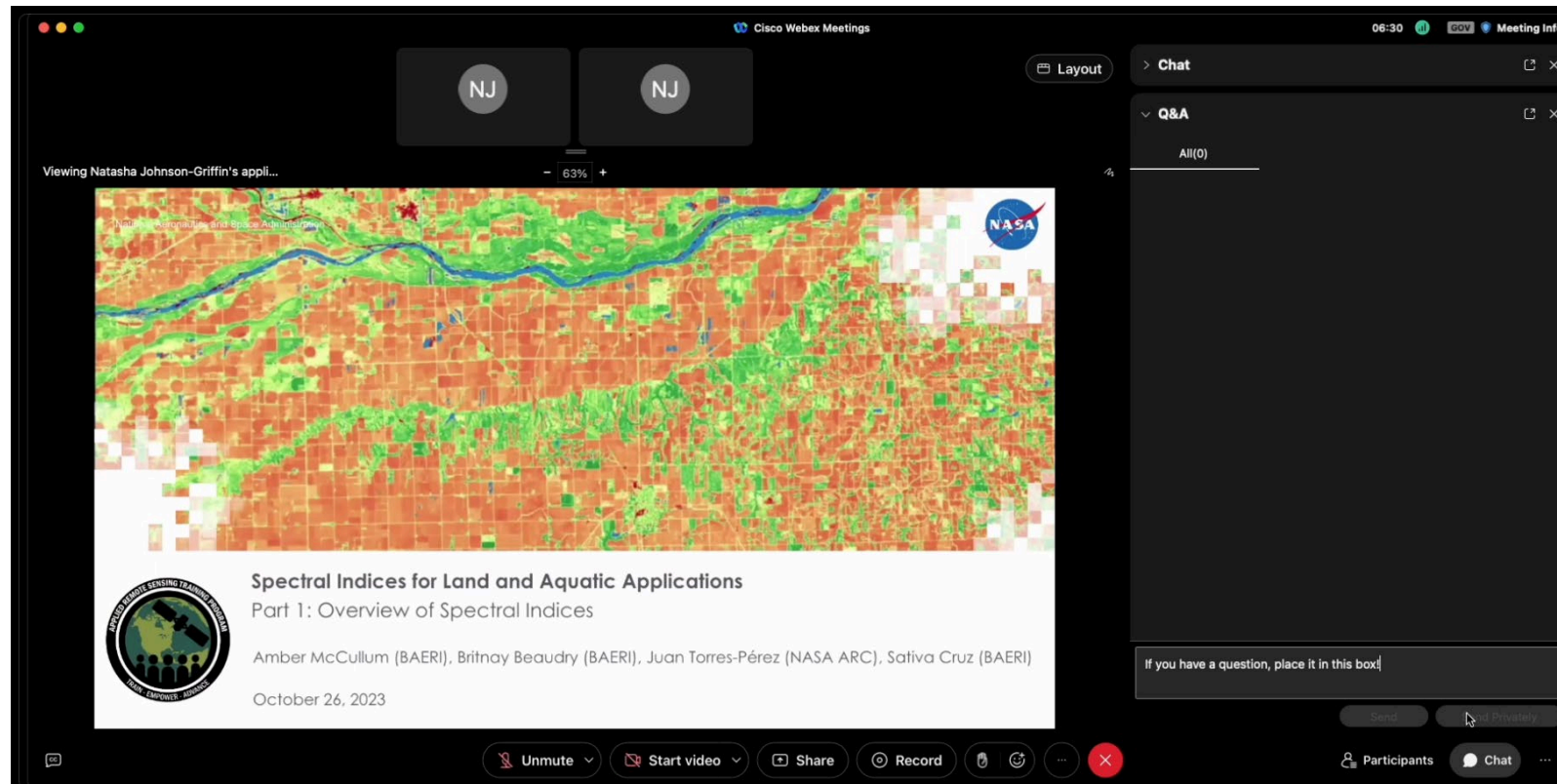
To Open Q&A Box

Webex Options



# Navigating Webex for NASA ARSET Trainings

- Open the Q&A option. Place all questions here for the Q&A session.



← Enter Questions Here

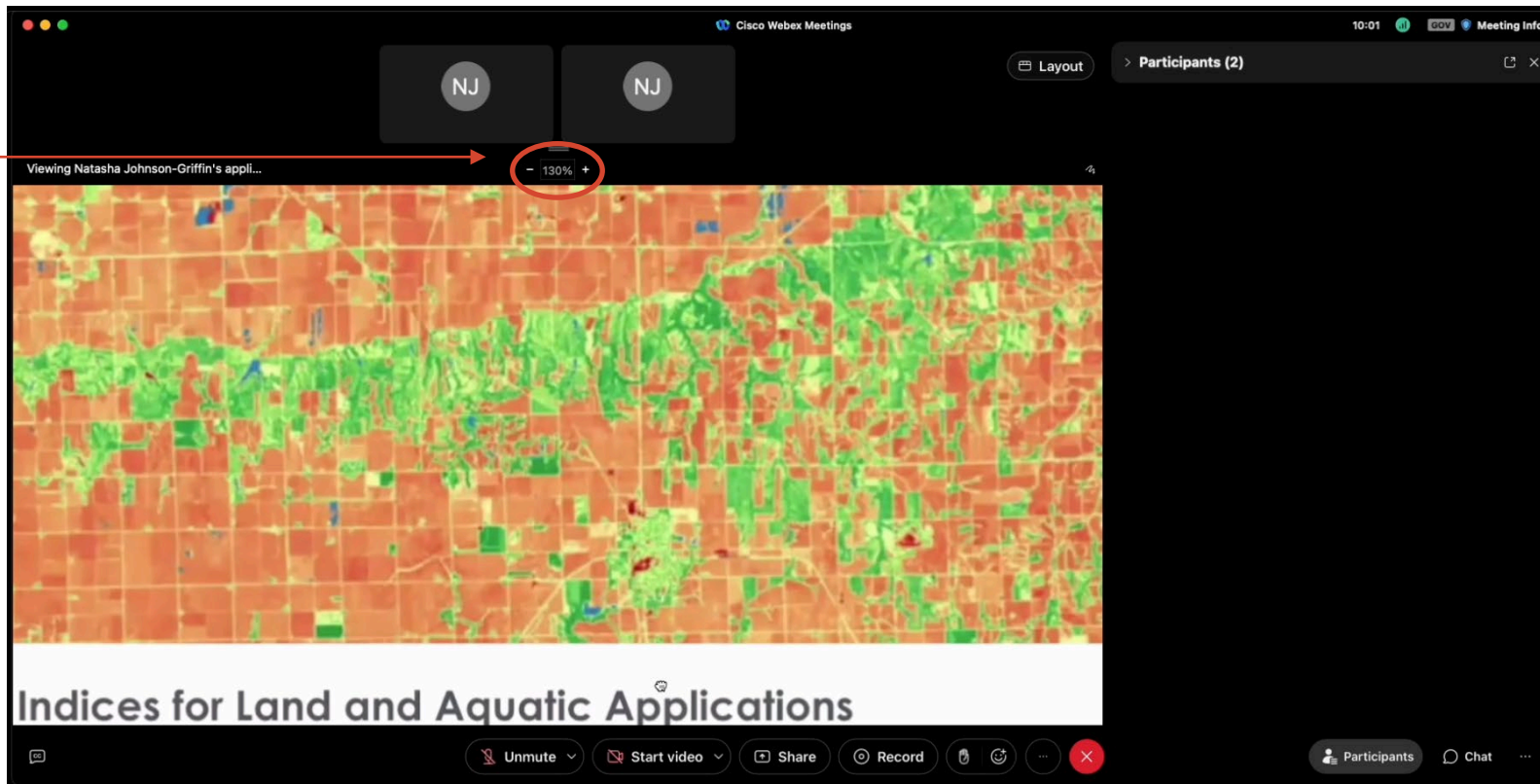




# Navigating Webex for NASA ARSET Trainings

- If text appears small, try the zoom feature to enlarge shared content.

Zoom Controls



# Navigating Webex for NASA ARSET Trainings

- The Webex platform look will differ between app and browser use, but the features are the same.

The screenshot shows a Webex meeting interface in a browser. At the top, there are two participant cards for 'Natasha Johnson-Griffin', one as 'Host, me' and one as 'Cohost'. Below them, a red arrow points to a zoom control bar showing '- 100% +' with a red circle around it, labeled 'Zoom Controls'. The main content area displays a satellite-style map titled 'Spectral Indices for Land and Aquatic Applications Part 1: Overview of Spectral Indices' with a NASA logo. A green arrow points to this content, labeled 'Shared Content'. On the right, a 'Chat' window is open, showing messages from Natasha Johnson-Griffin. A blue arrow points to the chat input field, labeled 'Chat Box'. At the bottom right, a red circle highlights a three-dot menu icon, with a blue arrow pointing to it labeled 'To Open Q&A Box'. The bottom toolbar includes buttons for 'Unmute', 'Start video', 'Share', 'Record', and 'Participants'.



# Webex Help Guides

How to join a Webex Meeting: <https://help.webex.com/en-us/article/nrbgeodb/Join-a-Webex-Meeting>

Connect to Webex Meetings from a mobile device: <https://help.webex.com/en-us/article/n030135/Connect-to-Webex-Meetings-from-a-mobile-device>

Register for a webinar: <https://help.webex.com/en-us/article/nmgmeff/Register-for-a-meeting-or-webinar>

Audio and Video Settings: <https://help.webex.com/en-us/article/ela6i8/Choose-your-audio-and-video-settings-before-you-join-a-meeting-or-webinar>

If you have any audio problems, try this link to help solve the problem: <https://help.webex.com/en-us/article/WBX12581/Webex-Audio-Troubleshooting>

