



# 01

## How to Create a Project

# PROJECT SUBMISSION?



## What is a Project Submission?

- **Opens:** Saturday, October 4 at 9:00 AM
- **Closes:** Sunday, October 5 at 11:59 PM  
(*Local Event Timezone*)

### During the submission window:

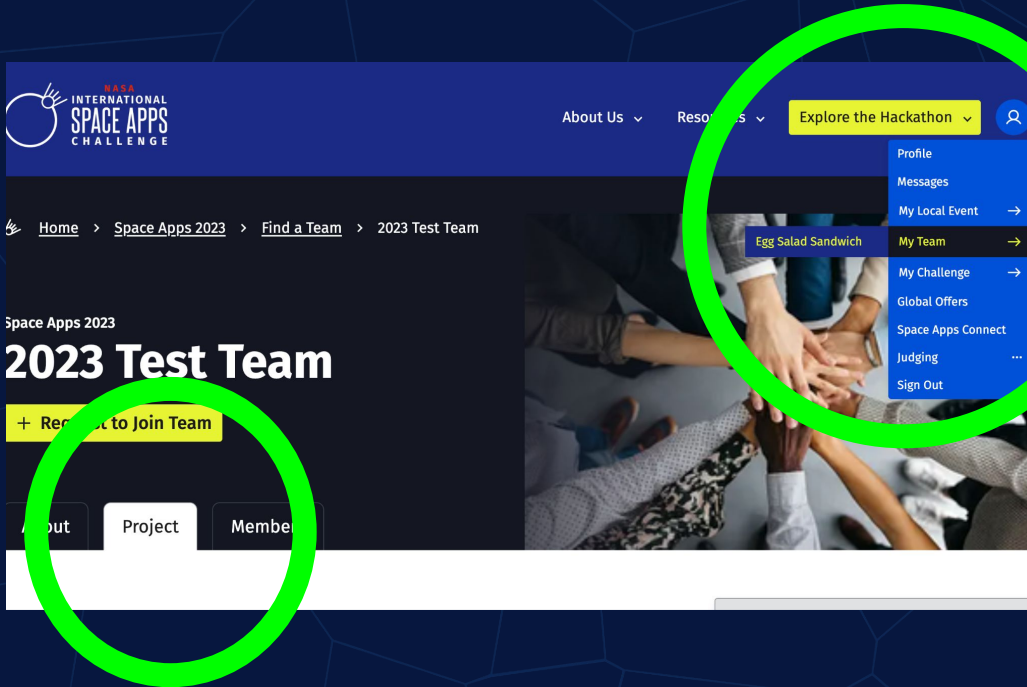
- Teams edit their **Project Submission Page**
  - Include full project details
  - This is the **page judges will review**  
The more complete the info, the better the judging!

**Submit via:** the Project tab on your team's dashboard

- ***Project submission closes on Sunday, October 5 at 11:59 pm local time***



# HOW TO ACCESS THE PAGE:



- 1. Click on the User profile icon on the top right-hand side of the NASA Space Apps website menu
- 2. Click on “My Team.”
- 3. On the Team page, select the “Project” tab.

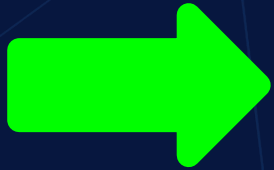
# HOW TO EDIT THE PAGE:



The screenshot shows the NASA Space Apps 2024 website. At the top, there's a navigation bar with 'About Us', 'Resources', and 'Explore the Hackathon'. Below this is a breadcrumb trail: 'Home > NASA Space Apps 2024 > Find a Team > Space Apps All-Stars'. The main heading is 'Space Apps All-Stars' with sub-tabs for 'About', 'Project', and 'Members'. On the left, a sidebar lists categories: 'HIGH-LEVEL SUMMARY', 'PROJECT DEMO', 'FINAL PROJECT', 'PROJECT DETAILS', and 'USE OF ARTIFICIAL INTELLIGENCE', each followed by 'N/A'. The main content area shows a 'Project Requires Submission for Judging' box with a blue 'Edit Details' button circled in green. Below this is a 'Challenge' section titled 'NASA in Your Neighborhood' and an 'Outline' list with seven items: 'High-Level Summary', 'Project Demo', 'Final Project', 'Project Details', 'Use of Artificial Intelligence', 'Space Agency Data', and 'References'.

- Click the blue “Edit Details” button
- Type the details:
  - High-Level Summary
  - Project Demo
  - Final Project
  - Project Details
  - Use of AI
  - Space Agency Data
  - References

# HOW TO EDIT THE PAGE:



- OPTION: You can write the answers to these questions elsewhere (Google Doc, Local Laptop, Cloud server, etc.)
- Copy/paste the answers here when ready
- When typing in the Project Tab, save your progress often using “Save Progress” button
- You can save many times

# HOW TO EDIT THE PAGE:



**Project Requires Submission for Judging**

Lock ☐ OFF

✓ Save Progress

✓✓ Submit for Judging

Close

- Toggle the "Lock" to 'ON'
- This will prevent other team members from making edits at the same time
- Team members can remove the lock and make changes to the project, overwriting any changes not yet published
- **Communication** across the team is important in order to save the correct version of the project

# HOW TO EDIT THE PAGE:



**Project Requires Submission for Judging**

Lock ☐ OFF

✓ Save Progress

✓✓ Submit for Judging

Close



- Changes won't be viewable until you click the “Submit for Judging” button.

Click the "Submit for Judging" button at the top of the page. (you can continue to make changes and submit for judging again if there are updates)

- Recent changes will now be viewable to anyone who visits the page.

# WHAT TO INCLUDE ON THE PROJECT SUBMISSION PAGE



Project Submission Form

About Project Members

## HIGH LEVEL SUMMARY

HIGH-LEVEL SUMMARY

N/A

PROJECT DEMO

N/A

FINAL PROJECT

N/A

PROJECT DETAILS

N/A

USE OF ARTIFICIAL INTELLIGENCE

N/A

Challenge: **NASA in Your Neighborhood**

Satellites can tell us a lot about the Earth system. We can learn about air quality, water quality, tree canopy, and even urban heat from the vantage point of space. This information is even more powerful when combined with information about people living on the ground. Your challenge is to look around your neighborhood or town and formulate a question about how the environment and humans are related, research the question using data from NASA satellites and information about people, and present your findings in a creative way.

Outline

1. High-Level Summary
2. Project Demo
3. Final Project
4. Project Details
5. Use of Artificial Intelligence
6. Space Agency Data
7. References

- Project Name
- Provide a high-level summary of your project. What did you develop? How does it address the challenge? Why is it important?



# WHAT TO INCLUDE ON THE PROJECT SUBMISSION PAGE



Provide a short demonstration ("demo") of your project. Only include ONE link:

- *Slide presentation (7-slides)*  
*If you include a title slide, it counts!*
- OR
- *Video presentation (30-seconds)*

Upload your demo / project to an external site (a cloud-based hosting service or code repository, e.g. YouTube, Google Drive, GitHub, One Drive, Dropbox, etc.) and provide a publicly accessible link.

Confirm it does not require a password, permission, or registration in order to access your project demo. Test it with non-logged in users to confirm public access.

Space Apps All-Stars

About

Project

Members

## LINK TO PROJECT DEMO

PROJECT SPACE APPS ALL-STARS

HIGH-LEVEL SUMMARY

N/A

PROJECT DEMO

N/A

FINAL PROJECT

N/A

PROJECT DETAILS

N/A

Project Requires Submission for Judging

You are the team owner.

[Edit Details](#)

Challenge:  
**NASA in Your Neighborhood**

Explore the Earth system. We want to see how you use data to answer questions about the environment. Think about air quality, water quality, tree canopy, and how they all relate to each other. It's a great vantage point of space. You can use data to see how powerful when you combine it with information about people living on the ground. Your challenge is to look around your neighborhood or town and formulate a question about how the environment and humans are related, research the question using data from NASA satellites and information about people, and present your findings in a creative way.

Outline

1. High-Level Summary
2. Project Demo
3. Final Project
4. Project Details

# TIPS ABOUT PROJECT DEMOS



“Demos” are often one of the first things that Global Judges look at to determine whether a project deserves additional attention.

## Plan Ahead

Decide early whether to create a **video** or **slide deck**, and consider the question, “What story does my team want to tell?”

## Delegate

Assign a teammate to lead the Demo creation.

## Visual Storytelling

There are two formats to submit your Project Demo. Regardless of which one you use, be sure to use strong visuals and ensure readability.

## Restrictions

The video should be maximum 30 seconds; the slide deck should be maximum 7 slides.

# PROJECT DEMOS - SLIDE DECK TIPS



1. **Biodiversity Hotspot Explorer**  
Explore a Biodiversity Hotspot with Imaging Spectroscopy  
Team: \$quality\_over\_quantity  
Lai, Yung-Tsai  
Hui-Chu Chen
2. **Meet EMIT** Earth-orbiting Mission Data Science Application  
EMIT is a sensor on board the International Space Station (ISS) that can observe the Earth from space. Explore biodiversity hotspots of plants with imaging spectroscopy.
3. **Example: Processing the Raw Data of EMIT**  
Process raw data of each plant to get the healthy index.
4. **How to Detect Plant Biodiversity with EMIT?**  
Determine areas that can affect a score calculation. The healthy index can be used to detect plant biodiversity.

Biodiversity Hotspot Explorer


Space Apps 2023

## Explore a Biodiversity Hotspot with Imaging Spectroscopy

+ Join the Challenge

**Team: \$quality\_over\_quantity**

Lai, Yung-Tsai  
Hui-Chu Chen



TUAN, HSIANG  
TZU WEI, YANG

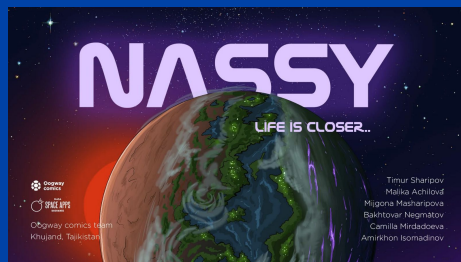
**2023 - Team Quality over Quantity, Kaohsiung, Taiwan**

## Slide Tips

- Choose a template with readable font size and limit the number of words on each slide
- Incorporate strong visuals to help tell the story of your project

Your slides should include:

- Team Name; Team member names; Challenge
- Display an image of the project
- Describe the user experience
- Include how space agency open data and tech make your solution possible



**2023 - Team Oogway Comics, Dushanbe, Tajikistan**

# PROJECT DEMOS – VIDEO TIPS



## 0:00 INTRODUCE YOURSELF

What is your name and your team's name?

## 0:02 LEAD US IN

What NASA International Space Apps Challenge does your solution address?  
What inspired your team to choose this challenge?

## 0:05 NAME YOUR SOLUTION

Provide a title and tagline of your project to catch your audience's attention.  
What problem does it solve?  
What do people gain?  
Where is the opportunity?

## 0:10 DESCRIBE YOUR IDEA

How does it work?  
Display images or a prototype (optional screen share)  
Describe a user's experience.  
How did using NASA data make your solution possible?

## 0:20 LOOK INTO THE FUTURE

Paint a picture  
What will your idea change?  
Captivate your audience with what it could be.  
What can your solution do for people, the world, and beyond?

0:30 End

# PROJECT DEMOS – VIDEO TIPS



## UNDER 18 GUIDELINES FOR VIDEO

"Recognizable names, voices, and likenesses of persons under the age of 18 should not be included in any submission. In the event any individual 18 years or older is featured in any submission, by submitting such material you represent and warrant that such individual agrees that NASA may use such individual's name and likeness in connection with NASA's use of the material hereunder."

# WHAT TO INCLUDE ON THE PROJECT SUBMISSION PAGE



Provide additional details about your project.  
Some questions to consider:

- What exactly does it do?
- How does it work?
- What benefits does it have?
- What do you hope to achieve?
- What tools, coding languages, hardware, or software did you use to develop your project?

About Project Members

## PROJECT DETAILS

### PROJECT SPACE IN YOUR SHIRT

#### HIGH-LEVEL SUMMARY

N/A

#### PROJECT DEMO

N/A

#### FINAL PROJECT

N/A

#### PROJECT DETAILS

N/A

#### USE OF ARTIFICIAL INTELLIGENCE

N/A

You are the team owner.

[Edit Details](#)

Challenge:

#### NASA in Your Neighborhood

Satellites can tell us a lot about the Earth system. We can learn about air quality, water quality, tree canopy, and even urban heat from the vantage point of space. This information is even more powerful when combined with information about people living on the ground. Your challenge is to look around your neighborhood or town and formulate a question about how the environment and humans are related, research the question using data from NASA satellites and information about people, and present your findings in a creative way.

#### Outline

1. High-Level Summary
2. Project Demo
3. Final Project
4. Project Details
5. Use of Artificial Intelligence
6. Space Agency Data
7. References

# WHAT TO INCLUDE ON THE PROJECT SUBMISSION PAGE



About Project Members

## PROJECT SPACE APPS CHALLENGE

### HIGH-LEVEL SUMMARY

N/A

### PROJECT DEMO

N/A

### FINAL PROJECT

N/A

### PROJECT DETAILS

N/A

### USE OF ARTIFICIAL INTELLIGENCE

N/A

## USE OF A.I.

Project Requires Submission for Judging

You are the team owner.

[Edit Details](#)

Challenge:

#### NASA in Your Neighborhood

Satellites can tell us a lot about the Earth system. We can learn about air quality, water quality, tree canopy, and even urban heat from the vantage point of space. This information is even more powerful when combined with information about people living on the ground. Your challenge is to look around your neighborhood or town and formulate a question about how the environment and humans are related, research the question using data from NASA satellites and information about people, and present your findings in a creative way.

#### Outline

1. High-Level Summary
2. Project Demo
3. Final Project
4. Project Details
5. Use of Artificial Intelligence
6. Space Agency Data
7. References

- AI is permitted
- However, generated content may not use, contain, or modify any NASA branding or design elements (such as the NASA logos, flags, or mission identifiers)
- Indicate where and how AI tools were utilized in your project

# WHAT TO INCLUDE ON THE PROJECT SUBMISSION PAGE



The screenshot shows a web interface for the 'PROJECT SPACE APPS ALL-STARS' challenge. At the top, there are navigation tabs: 'About', 'Project' (which is selected), and 'Members'. The main content area is titled 'PROJECT SPACE APPS ALL-STARS' and features a large yellow 'NASA DATA' title. Below this, there is a 'HIGH-LEVEL SUMMARY' section with a 'N/A' status. To the right of the title, there is a box that says 'Project Requires Submission for Judging' and 'You are the team owner.' with an 'Edit Details' button. Below the title, there is a 'PROJECT DEMO' section with a 'N/A' status. Further down, there is a 'FINAL PROJECT' section with a 'N/A' status. Below that, there is a 'PROJECT DETAILS' section with a 'N/A' status. At the bottom, there is a 'USE OF ARTIFICIAL INTELLIGENCE' section with a 'N/A' status. On the right side of the page, there is a 'Challenge: NASA in Your Neighborhood' section. It describes the challenge: 'Satellites can tell us a lot about the Earth system. We can learn about air quality, water quality, tree canopy, and even urban heat from the vantage point of space. This information is even more powerful when combined with information about people living on the ground. Your challenge is to look around your neighborhood or town and formulate a question about how the environment and humans are related, research the question using data from NASA satellites and information about people, and present your findings in a creative way.' Below this, there is an 'Outline' section with a list of 7 items: 1. High-Level Summary, 2. Project Demo, 3. Final Project, 4. Project Details, 5. Use of Artificial Intelligence, 6. Space Agency Data, and 7. References.

- Suggested NASA data is provided for each of the challenges under the “Resources” tab
- What NASA did you use in your project? How did you use it? How did it inspire your project?
- At least one NASA resource from the Challenge is required for global awards!



# WHAT TO INCLUDE ON THE PROJECT SUBMISSION PAGE



**Remember: You are welcome to use any open data in your project. However, to be eligible for a Global Award, you must use at least one NASA resource**

- Suggested space-based data is provided for each of the challenges under the “Resources” tab
- What Space Apps Challenge Space Agency Partner data did you use in your project? How did you use it? How did it inspire your project?
- Space Agency Partner data is optional but encouraged
- All other references can be listed here
  - List all of the data, resources, and tools used in your project. Resources should include any code, text, and images (even if they are open source or freely available) that you used when creating your project.

# WHAT TO INCLUDE ON THE PROJECT SUBMISSION PAGE



Check the boxes to finalize the project

- Review Components of Project to follow along and share elements with your participants

– Project Submission Verification

Incomplete

**Agree to Terms and Conditions**

☐ I have read and understand the project submission requirements as contained in the [NASA Space Apps Project Submission Guide](#), and I agree to the [Participant Terms and Conditions](#) and [Privacy Policy](#).

**Confirm All Work is Original**

☐ I confirm that the submitted project represents my team's original work and that all external resources, including code, text, and images used in the project, are listed in the NASA Data and the Space Agency Partner & Other Data fields of the project submission form. In creating your project, you confirm that your team did not use any copyrighted materials (i.e., music, images, text, etc.) that you don't have permission to use.

# PROJECT SUBMISSION GUIDE



The public Participant Project Submission Guide will be released on the website [Resources Page](#) on October 3

*Continue to direct your participants to this page for up-to-date information*



Draft of Project Submission Guide for Local Leads Only.pdf

You now have an advanced copy to the [Participant Project Submission Guide \(in our Shared Drive\)](#)

*Do not share this copy, but familiarize yourself with the contents to that you can answer participant questions and help them succeed*