

GOES-R DataJam Registration Form

The GOES-R DataJam will be a two-week virtual competition for undergraduate and graduate students to showcase their best use of GOES-R Series data. The goal of this educational event is to expand the remote sensing knowledge base and technical skillset of the participating students, while also providing them the opportunity to network with NOAA and NASA professionals and gain recognition for great ideas, leadership, and teamwork. This event is planned for October 2023.

* Required

Email*

Your email

The Basics

First, let's get your name and school information to make sure you are eligible to compete in the GOES-R DataJam. Undergraduate and graduate students of any major at any collegiate institution are eligible to register for the GOES-R DataJam. This includes any students attending community college or trade schools. High school students and post-docs are not eligible to participate. See the **GOES-R DataJam FAQs** for more information.

First Name*

Your answer

Last Name*

Your answer

How would you like your full name spelled on your participation certificate?*

Your answer

School*

Your answer

Major*

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Your answer

Minor

Your answer

Year of College (Freshman, Sophomore, Junior, Senior, 5th year, Masters, PhD, etc.)

*

Your answer

What do you bring to the GOES-R DataJam?

Now let's get some background information on your education, experience, interests, and coding skills.

What education or experience have you had that is relevant to the GOES-R DataJam? (e.g., experience with NOAA activities, meteorology, satellite remote sensing, computer science, graphic design, communications, emergency management, etc.)

Your answer

What are the topics you are interested in exploring during the GOES-R DataJam?*

Visualizations

Data Processing/Manipulation

Environment Issues

Meteorology or Hydrometeorology

Remote Sensing

Space Weather

Instrumentation

Other:

Which challenge are you interested in pursuing?

Challenge #1: Visualize the View

Coding experience required: any skill level

Communicating science to a general audience imparts knowledge and inspires curiosity. Create a visualization or interactive experience that educates the public about

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GOES-R data and usage. Projects should be aesthetically compelling. Innovation and out of the box thinking encouraged.

Challenge #2: Clouds Computing Clouds

Coding experience required: proficient

With terabytes of GOES-R data being generated each day, efficient ways to access, process, and synthesize these data into easily accessible end-user products requires significant computer processing. In this challenge, fuse GOES-R data with another type of data set, utilizing cloud computing resources, to create a novel end-user product or methodology. Groups performing this challenge must also deliver well-commented code.

*

Visualize the View
Clouds Computing Clouds

How would you rate your coding proficiency?*

Novice

- 1
- 2
- 3
- 4
- 5

Expert

Team Leadership

Interested in practicing your leadership skills? Try being a team leader!

Those who sign up now as being interested in being a team leader will need to provide a very brief summary of their project idea, which can be fine-tuned later between filling out this registration form and scoping day. During scoping day, those team leaders will give a 3-minute lightning talk about their project idea to all participants to encourage them to join your team.

Find more information about the Team Leader role [here](#).

Are you interested in being a team leader?*

- Yes
- No
- Maybe

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If you are interested in being a team leader, please provide a brief summary of your project idea. Don't worry, it does not have to be finalized yet!

Your answer



Terms and Conditions of Participation

Lastly, let's make sure that everyone agrees to act professionally and approach their challenge solution fairly.

Code of Conduct and Etiquette

<link>

*

By submitting this registration form, I agree to abide by the GOES-R DataJam Code of Conduct and Etiquette

Terms of Eligibility and Allowed Resources

<Link>

*

By submitting this registration form, I acknowledge that I meet the eligibility criteria and that I will abide by the terms of resource use

A copy of your responses will be emailed to the address you provided.

Submit

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Forms

PRA Burden Reporting Statement

A Federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with an information collection subject to the requirements of the Paperwork Reduction Act of 1995 unless the information collection has a currently valid OMB Control Number. The approved OMB Control Number for this information collection is 0690-0038. Without this approval, we could not conduct this information collection. Public reporting for this information collection is estimated to be approximately 5 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. All responses to this information collection are voluntary. Send comments regarding this burden estimate or any other aspect of this information

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collection, including suggestions for reducing this burden to the NOAA/GOES-R at Goddard Space Flight Center, Building 6, Attn: Dr. Maurice McHugh, maurice.mchugh@noaa.gov.

Privacy Act Statement

Authority: The collection of this information is authorized under 5 U.S.C. § 301, Departmental regulations which authorizes the operations of an executive agency, including the creation, custodianship, maintenance and distribution of records, and 15 U.S.C. 1512, Powers and duties of the Department.

Purpose: NOAA is collecting contact and educational background information to identify candidates for a Geostationary Operational Environmental Satellites (GOES) – R Series DataJam. This information will allow NOAA to determine if the applicant is eligible for participation in the DataJam and contact participants to provide information about the event.

Routine Uses: Disclosure of this information is permitted under the Privacy Act of 1974 (5 U.S.C. Section 552a) to be shared among Department staff for the purpose of contacting the hackathon applicants. Disclosure of this information is also subject to all of the published routine uses as identified in the Privacy Act System of Records Notice [COMMERCE/NOAA-11](#), Contact Information for Members of the Public Requesting or Providing Information Related to NOAA's Mission. All information will be purged upon completion of the DataJam.

Disclosure: Furnishing this information is voluntary; however, failure to provide this information will remove the applicant from consideration for participation in the event.