Adaptation Sciences (AdSci) FY2024 Competition Information Session

Letters of Intent (LOI) Phase | December 6, 2023

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Webinar Logistics

- If you can hear me, you are already connected to the broadcast and do not need to call in.

- If you hear feedback and have connected via phone, please hang up and ensure your computer's audio is turned on.

- If you have a question, please write it in the *Questions section*. We will have a Q&A session at the end of this presentation.

- We will share the slides presented on the [AdSci FY2024 Funding Opportunity web page](#) website within days of the sessions, and update these FAQs as appropriate.

Today's Agenda

- Introduction of Adaptation Sciences Team members

- Overview of the NOAA Adaptation Sciences Program

- FY2024 Funding Competition Overview

- Letter of Intent (LOI) process and timeline

- Q&A

US National Oceanic and Atmospheric Administration (NOAA)

- **NOAA's mission** *of science, service and stewardship are the three pillars supporting the agency's leadership in understanding and predicting changes in climate, weather, oceans and coasts — and getting actionable environmental information in the hands of decision makers.*

NOAA Organizational Structure

National Environmental Satellite Data and Information Service

National Marine Fisheries

National Ocean Service
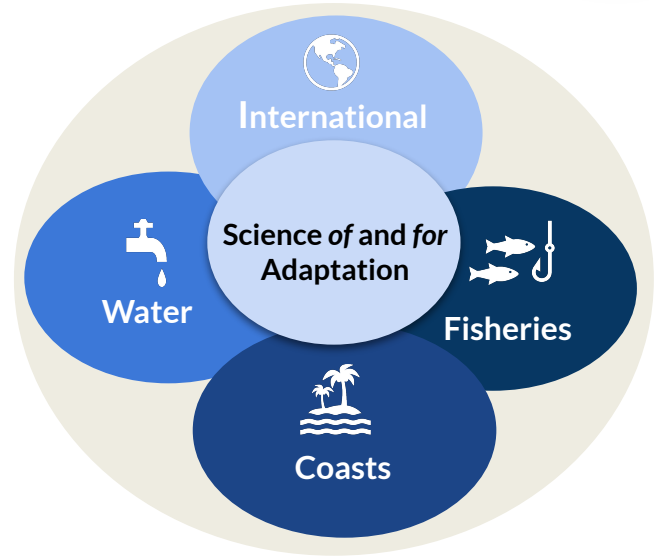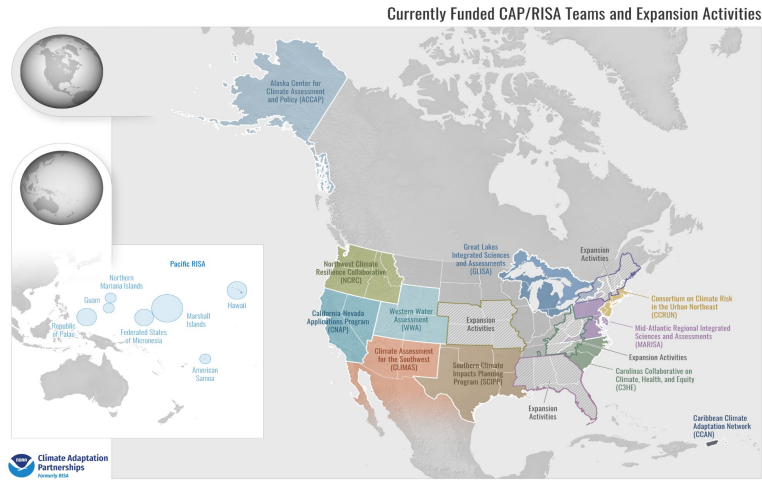
National Weather Service

Oceanic and Atmospheric Research —— Climate Program Office

Office of Marine and Aviation Operations

Climate and Societal Interactions (CSI) Division

Research partnerships supporting equitable, adaptive futures.

Currently Funded CAP/RISA Teams and Expansion Activities

Climate Adaptation Partnerships (CAP)/Regional Integrated Sciences and Assessments (RISA) Program

Science *of* and *for* Adaptation — International, Water, Fisheries, Coasts

Adaptation Sciences (AdSci) Program

Climate and Societal Interactions: Research and Partnerships

Identifying and Assessing Risks and Impacts:
Identify and characterize impacts of climate variability and change

Informing Decisions:
Assess & Improve the accessibility and utility of information to meet user needs

Building Capacity
Engage federal and non-federal partners to align research and practice to inform decision making

Adaptation Sciences (AdSci) Program

Goal

Advance the **knowledge, methods, and frameworks needed to move society beyond incremental adaptation toward more widespread, connected, and transformative adaptive pathways** and resilience strategies with clear economic, social, cultural and environmental co-benefits.

Objectives

- Develop an understanding of **key drivers and conditions that shape and enable adaptation across multiple temporal and spatial scales**; and

- Identifying key aspects of and promoting opportunities for the use of **climate information to best support preparedness and planned adaptation** of high value to social and economic goals.

Source: Participants at Climate and Health Dialog 2020 Majuro (David Krzesni)

Context for the FY2024 AdSci NOFO

- Adaptation is occuring around the world in response to climate risks to infrastructure, livelihoods and ecosystems, food security, human health, water resources and peace/security. Focus of these actions primarily reduces on reducing shorter-term risks, sometimes at the expense of longer term, more transformative adaptation. The effectiveness of these discrete adaptation actions varies greatly.

- Additional research supporting the development of effective evaluation, monitoring, and assessment, in partnership with communities affected by decisions, is needed to provide more comprehensive analysis adaptation approaches that can be replicated and/or scaled up and inform policy and action. This need for evaluation of adaptation is especially critical with regard to better understanding, and informing equitable adaptation solutions.

- Addressing this gap through evidence-based research and learning is of particular importance to NOAA as the agency and its partners are increasingly investing in research and implementation activities designed to support climate adaptation and resilience in the U.S. and abroad.

- See Info Sheet pages 3 - 4 for additional information

FY24 Notice of Funding Opportunity (NOFO)

- **Competition 1: Evidence-building, Evaluation, and Learning Approaches to Support Adaptation to a Changing Climate**

- **Competition 2: Developing a Social Science Research Agenda in Support of Adaptation and Resilience**

Program information sheet: https://cpo.noaa.gov/wp-content/uploads/2023/11/11_22-FY-24-ADSCI-INFO-SHEET.pdf

Competition 1: Evidence-building, Evaluation and Learning Approaches to Support Adaptation to a Changing Climate

Seeking proposals for evaluation and evaluation research that advances evaluation methods and approaches in order to support more transformative adaptation and resilience.

Research proposals should seek to undertake one or both of the following:

- **Expand the evidence base for evaluating adaptation actions and investments**, including the identification of metrics and frameworks, with an emphasis on those that measure social and economic outcomes of adaptation (including equity) and advance society's capacity to compare and/or scale up approaches.

- **Develop the frameworks, partnerships, approaches and methods needed to evaluate adaptation**, including those elements that move society toward more transformative pathways.

We expect that much of the work supported by Competition 1 will focus on adaptation in U.S. states and territories; however, proposals will also be considered with a focus on one or more of the broadly defined regions that border the U.S: a) the Caribbean; b) the Pacific Islands; c) Mexico and Central America; d) the Arctic. Regional and/or comparative studies focusing on multiple areas from this list also will be considered.

Proposals should be for projects up to 2 years duration with a budget of up to $150,000 per year (for a maximum total of $300,000.00 total). Depending on the availability of funds, it is anticipated that 5-7 projects will be supported.

Competition 1: Evidence-building, Evaluation and Learning Approaches to Support Adaptation to a Changing Climate

Projects supported under this competition could:

- **Contribute new and applicable insights on the characteristics, co-effects, and enabling conditions**, including governance, **associated with climate adaptation strategies and investments** through the systematic analysis and evaluation of case studies, with the goal of building an evidence base and advancing learning.

- **Generate new or improved evaluation methods, approaches and insights related to the role of knowledge systems and processes** - including networks of boundary organizations and climate information services knowledge networks - in moving society toward transformative adaptation.

- **Identify and develop key metrics and/or indicators that capture the relationship between processes that occur within these systems,** including co-production and the integration of local knowledge, and complex equity considerations.

- Identify and/or develop **evaluation measures and indicators that reflect the social dimensions of adaptation** (e.g., governance, culture, equity, participation).

- Identify and enhance knowledge about the **methods of evaluation and for sharing information and learning that are most appropriate for different types of actors in the decision making context** (e.g., indigenous communities, local planners, public service providers, private sector, local, state, Tribal and national governments)

Competition 2: Developing a Social Science Research Agenda to Support Adaptation and Resilience

Seeking proposals that will generate a social science research agenda, which reflects existing knowledge, and identifies gaps that can be addressed to support adaptation and resilience efforts.

This can be achieved through inclusive review, analysis, and assessment of scientific literature, climate adaptation plans and actions, local knowledge and other similar information, in addition to engagement processes to inform social science research needs.

This work should develop and articulate a coherent set of nested research questions and approaches that will provide a framework for the generation of knowledge, methods and insights essential to the development, implementation and evaluation of effective adaptation strategies, policies and investments. It should be useful to the interdisciplinary scientific community and the broader landscape of entities, including funding agencies and implementation partners, working in this space.

Proposals should be for projects up to 2 years duration, with a total budget in the range of $150,000- $300,000 (proposals should distribute the budget over the two year period to reflect the methodology used for the project). Depending on the availability of funds, it is anticipated that 1 project will be supported.

Competition 2: Developing a Social Science Research Agenda to Support Adaptation and Resilience

Specific attention should be placed on social science research needs to support and assess transformational adaptive pathways. The work should:

- **build on the current state of science and knowledge**, including indigenous, traditional and other non-western ways of knowing;

- **reflect a diverse suite of disciplinary expertise and perspectives** in order to ensure that the social science agenda has **applications for addressing real world challenges and opportunities** associated with large scale adaptive capacity related to food and water security, human settlements, human and ecosystem wellbeing, conservation,infrastructure, migration, etc;

- **incorporate the experience, perspectives and needs of stakeholders** including frontline communities, tribes, indigenous populations and the private sector;

- address **knowledge gaps and opportunities for social science research as a complement to physical and natural climate science**, and climate services endeavors;

- **address knowledge gaps that, if addressed, will support progress toward socioeconomic and environmental outcomes and co-benefits**, including those with cultural, local and heritage significance; and

- include an **international perspective** on questions that have global relevance and implications.

AdSci Approaches

- **Leverage and connect to the research, priority setting and engagement capacity of key partners** (e.g. international, regional, Federal, state, local, tribal, NGO, private sector and community-based organizations) to identify and share methods, capacities and conditions needed to effectively utilize and incorporate interdisciplinary climate information science and services for adaptation and resilience.

- **Engage with organizations, including the private sector, working in economic and community development,** and seek to connect with efforts to support the financing and/or evaluation of adaptation actions or strategies in order to foster more evidence-based policies.

- **Support research and evaluation activities as opposed to discrete adaptation project implementation** activities outside of a learning framework (e.g., the implementation of a nature based solution in a specific community).

- All projects should incorporate the **principles of justice, equity, diversity, and inclusion.** Applicants should demonstrate a plan to carry out their work in ways that acknowledge existing legacies of social and environmental inequities and support actions that address them, including but not limited to the inclusion of frontline community members.

General Competition Information

- Where can I find information?
  - Central Funding Opportunity page
  - Notice of Funding Opportunity
  - Grants.Gov Listing
  - Information Sheet
  - Adaptation Sciences Program Website
  - Frequently Asked Questions (FAQs)
  - Applicant Checklist

- What is the difference between the Notice of Federal Funding Opportunity (NOFO) and the Information Sheet?

  - NOFO- official guidelines and requirements

  - Info Sheet- additional context and program information

Adaptation Sciences (AdSci) Program FY2024

⊕ **Important Information and Updates**

Federal Agency Name: Office of Oceanic and Atmospheric Research (OAR), National Oceanic and Atmospheric Administration (NOAA), Department of Commerce

Notice of Funding Opportunity Title: Climate Program Office (CPO), Adaptation Sciences Program FY2024

Announcement Type: Innitial

Notice Of Funding Opportunity Number: NOAA-OAR-CPO-2024-2008252

Catalog of Federal Domestic Assistance (CFDA) Number: 11.431, Climate and Atmospheric Research

NOFO At A Glance

⊕ General Information

⊕ Links to Full NOFO and Grants.gov Listing

⊕ Important Dates/Deadlines

⊕ For Federal Investigators

⊕ Where to Submit

⊕ Questions/Who to Contact

? FAQ   Applicant Checklist

Timeline

You are HERE!

November 2023 — **AdSci FY24 NOFO Published**

Published Nov 21st, 2023. See **AdSci Fy24 NOFO webpage** for more details.

December 2023 — **Letter of Intent (LOI)**

-LOI Information Session: December 6, 2023.
-Deadline for submission of LOI's via **Google Form** is **December 26th, 2023, 11:59 pm Eastern Time.**

February - March 2024 — **Full Proposals/Application**

-Full Application Information Session: February 8, 2024.
-Deadline for full application is **March 20th, 2024, 11:59 pm Eastern Time.**

March - August 2024 — **Proposal Review and Funding Recommendations**

Fall 2024 — **Project Start Date (Use Sept. 1, 2024 in proposals)**

Letter of Intent (LOI) Submission

- See pg. 10-11 of the [Federal Funding Opportunity](#)

- Strongly encouraged but not required*

   Applicants may submit a full application even if they have not submitted an LOI

- Purpose of the LOI process is for:

   (a) PIs to be able to succinctly articulate the goals of the proposed project

   (b) Program managers to provide information to potential applicants on the relevance of their proposed project to the competition in advance of preparing a full application

- Investigators will be notified within four weeks of the LOI due date as to whether a full proposal is encouraged based on the LOI

   Applicants who have not been encouraged may still submit a full application.

LOI Submission Deadline:
December 26th, 2023 by 11:59 pm Eastern Time
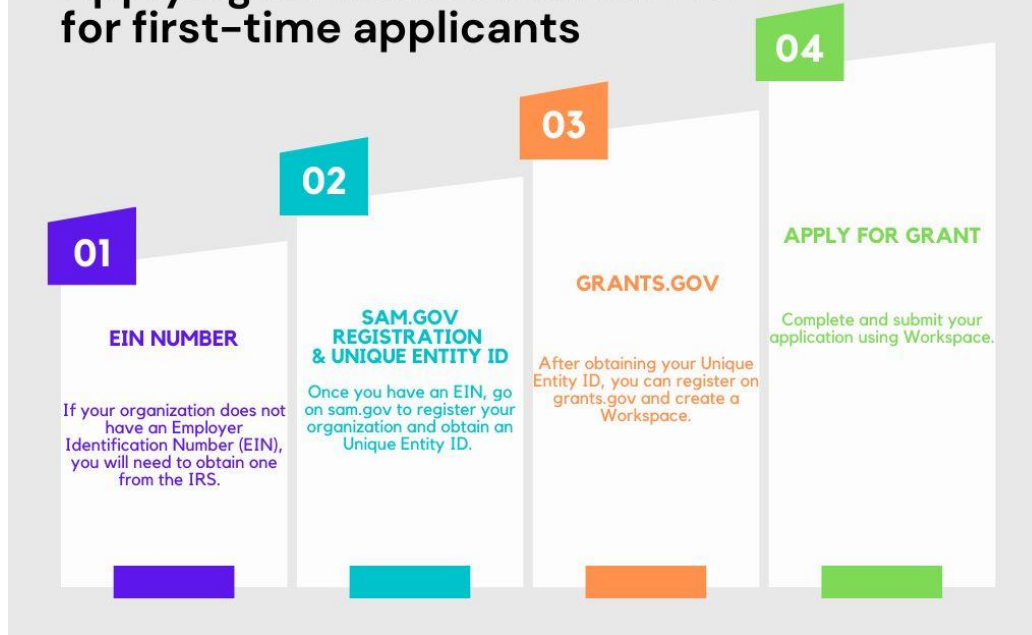
Letter of Intent (LOI) General Information

- **Submit LOI via Google Form (https://forms.gle/nui317RkQbT3hRg59) by <mark>December 26th, 2023 by 11:59 pm Eastern Time</mark>**

- If an applicant is unable to utilize this form for technical reasons, LOIs should be received via email by the Competition Manager, Lisa Vaughan (Lisa.Vaughan@noaa.gov)

- LOI should provide a concise description of the proposed work and a statement regarding its relevance to the targeted competition

- LOI should be no more than 2 pages in length and should include:
  - Full Competition Name (see above).
  - A tentative project title.
  - Name(s) and institution(s) of the Lead Principal Investigator(s) and other Principal Investigator(s).
  - Email contact for the Lead Principal Investigator
  - Statement of the challenge to be addressed by the work.
  - Brief summary of work to be completed and methodology to be used
  - Potential (unfunded) collaborators/partners and beneficiaries of the work
  - Approximate cost of the project and time frame for the project.
  - Relevance to the Competition that is being targeted.

Application Process Overview

Step by Step

Applying for federal assistance for first-time applicants

01

EIN NUMBER

If your organization does not have an Employer Identification Number (EIN), you will need to obtain one from the IRS.

02

SAM.GOV REGISTRATION & UNIQUE ENTITY ID

Once you have an EIN, go on sam.gov to register your organization and obtain an Unique Entity ID.

03

GRANTS.GOV

After obtaining your Unique Entity ID, you can register on grants.gov and create a Workspace.

04

APPLY FOR GRANT

Complete and submit your application using Workspace.

Employer Identification Number (EIN)

What is an EIN?

- An Employer Identification Number (EIN) is a nine-digit number that the IRS assigns in the following format: XX-XXXXXXX.
- The IRS uses the number to identify taxpayers that are required to file various business tax returns.

How do I apply for an EIN?

- U.S. and U.S. territories-based organizations can apply online, via fax, or via mail.
- International applicants must apply over the phone by calling 267-941-1099 (not a toll-free number). Hours of operation are 6 a.m. to 11 p.m. (Eastern Time), Monday through Friday.

How long will it take after I register to receive the EIN?

- Applicants who apply online should receive their EIN immediately upon completion
- Applicants who apply via fax should receive their EIN in about a week (or two weeks if you don't include a return fax number)
- Applicants who apply via mail may need to wait four to five weeks before receiving their EIN

How to Apply for an Employer Identification Number (EIN)

Form Instructions: https://www.irs.gov/pub/irs-pdf/iss4.pdf

Apply Online: https://sa.www4.irs.gov/modiein/individual/index.jsp

Step 1: Determine Your Eligibility

- You may apply for an EIN online if your principal business is located in the United States or U.S. Territories.
- The person applying online must have a valid Taxpayer Identification Number (SSN, ITIN, EIN).
- You are limited to one EIN per responsible party per day.
- The "responsible party" is the person who ultimately owns or controls the entity or who exercises ultimate effective control over the entity. Unless the applicant is a government entity, the responsible party must be an individual (i.e., a natural person), not an entity.

Step 2: Understand the Online Application

- You must complete this application in one session, as you will not be able to save and return at a later time.
- Your session will expire after 15 minutes of inactivity, and you will need to start over.

Step 3: Submit Your Application

- After all validations are done you will get your EIN immediately upon completion. You can then download, save, and print your EIN confirmation notice.

Unique Entity ID/Unique Entity Identifier (UEI)

What is the Unique Entity ID (UEI)?

- On April 4, 2022, the unique entity identifier used across the federal government changed from the DUNS Number to the Unique Entity ID (generated by SAM.gov).
- The Unique Entity ID is a 12-character alphanumeric ID assigned to an entity by SAM.gov.

Does the Unique Entity ID expire?

- The Unique Entity ID does not expire. However, registrations must be updated and renewed each year to remain in the "active registration" status.
- If you do not update or renew your registration, it will be in an "inactive" status, but your entity will still have its same Unique Entity ID.

How to Register on SAM and Obtain a Unique Entity ID

Registration Instructions: https://sam.gov/content/entity-registration

SAM.gov Help Resources: https://sam.gov/content/help

Step 1: About Registration

- If you want to apply for federal awards as a prime awardee, you need a registration. If you do not want to apply directly for awards, and only conduct certain types of transactions, such as reporting as a sub-awardee, you may only need a Unique Entity ID (registration not necessary).
- A registration allows you to bid on government contracts and apply for federal assistance. As part of registration, we will assign you a Unique Entity ID.
- To see comprehensive instructions and checklist for entity registration, download our Entity Registration Checklist.

Step 2: Set up a SAM.gov Account

- Set up a SAM.gov account to register and to get a Unique Entity ID in SAM.gov. Your username and password are managed by Login.gov. Select Sign In on SAM.gov to go Login.gov to sign in or to set up an account. Once you're signed in at Login.gov, you'll be returned to SAM.gov to complete your profile.

How to Register on SAM and Obtain a Unique Entity ID (continued)

Step 3: Prepare Your Data

- For registration, you are required to enter a lot of information about your entity. Below are questionnaires and checklists to help you gather what you need to complete your registration. Refer to the [Entity Registration Checklist](#).

Step 4: Prepare Your Data

- Select [Get Started](#) and choose Register Entity or Get a Unique Entity ID.
- If you select Register Entity, your Unique Entity ID will be assigned during the registration process. Registration is for organizations that want to directly bid on government contracts and apply for federal assistance.
- You can get a Unique Entity ID for your organization without having to complete a registration. If you only conduct certain types of transactions, such as reporting as a sub-awardee, you may not need to complete a registration. Your entity may only need a Unique Entity Identifier.

How to Register as an Applicant on Grants.gov

Applicant Registration: https://www.grants.gov/web/grants/applicants/registration.html

Add a Profile: https://www.grants.gov/web/grants/applicants/registration/add-profile.html

Grants.gov Support Desk: https://www.grants.gov/support.html

1. Click the Register link in the top-right corner of the Grants.gov banner.
2. Click the **Get Registered Now** button on the Register page.
3. Complete the **Contact Information** and **Account Details** sections. All fields with a red asterisk (*) are required.
4. Email Address - When entering an email address, please keep in mind that all correspondence with Grants.gov will be sent to that email address.
5. Select whether to subscribe or unsubscribe from Grants.gov Communications. The **Alerts** are important messages about time-sensitive or major system changes. The **Newsletter** features training, system enhancement updates, and other resources to help the federal grants community.
6. Click the **Continue** button.
7. Click the **Send Temporary Code** button, then access your email account to access the temporary code.
8. Enter the temporary code you received in the email from Grants.gov into the **Temporary Code** field and click the **Continue** button.
9. Decide if you would like to add a profile to your Grants.gov account or click the **Continue** button to log in. You need to add a profile to submit an application. After registering, review the Workspace Overview page to learn how to apply for a grant.

Create a Workspace in Grants.gov

Workspace Overview: https://www.grants.gov/web/grants/applicants/workspace-overview.html

Workspace is the standard way for organizations or individuals to apply for federal grants in Grants.gov. Workspace allows a grant team to simultaneously access and edit different forms within an application. Plus, the forms can be filled out online or offline — your choice.

Grants.gov Workspace also allows applicants and organizations to tailor their application workflow. Here are three approaches that applicants can take when completing a Workspace application:

Basic	Intermediate	Advanced
+ Best for organizations with 1-2 registered Grants.gov users	+ Best for organizations with 3-5 registered Grants.gov users	+ Best for organizations with external Grants.gov users, such as consultants
+ Application forms are downloaded and emailed to collaborators before being uploaded back to the workspace	+ Applicant teams are typically comprised of an AOR who submits, as well as a Workspace Owner who oversees form completion	+ Workspace Owner manages form access + Workspace Owner adds subforms
LEARN MORE >	**LEARN MORE >**	**LEARN MORE >**

Important Dates

- NOFO publication: November 21st, 2023

- Letter of Intent (LOI) submission deadline via Google Form:
  December 26th, 2023, 11:59 pm Eastern Time

- Full application submission deadline:
  March 20th, 2024, 11:59 pm Eastern Time

- CPO conducts proposal review process and develops funding recommendations:
  March - August 2024

- Projects start: Fall 2024 (use a September 1, 2024 start date)

Thank you!

- Q&A (we will read the questions in the order they were received)

- How to access FAQs → [AdSci FY2024 Funding Opportunity FAQ web page](#)

- Full proposal information session:

<mark>**Wednesday February 8th, 2:00 - 3:00 pm Eastern Time**</mark>

[Register Here](#)

- Contact Information for AdSci FY24 Competition:
    - Lisa Vaughan: Lisa.Vaughan@noaa.gov (Competition Manager)
    - Anne.Li: Anne.Li@noaa.gov (Grants Specialist)
    - AdSci Team/General Info: **NOAA.Adaptation.Sciences@noaa.gov**
    -