

Citizen Science Project: Climate Change Initial Interest Form

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OFFICIAL INTEREST FORM

MAKING AN IMPACT ON ENVIRONMENTAL HEALTH

**National Institute of Environmental Health Sciences, Women's Health Awareness Program,
Office of Human Research and Community Engagement**

PLEASE COMPLETE THE INTEREST FORM BELOW.

Women's Health Awareness Climate Change in Your Community Challenge

The National Institute of Environmental Health Sciences (NIEHS) is seeking middle school science teachers and students to participate in the Climate Change in Your Community Environmental Health Challenge. This challenge focuses on schools in disadvantaged and/or underserved regions of North Carolina most likely to be impacted by climate-related disasters (e.g., hurricanes, wildfires, floods, etc.). Winning teachers may receive support to implement their projects within their local community.

What is the challenge? The Climate Change in Your Community Environmental Health Challenge is a citizen science project competition created for middle school students to learn and practice public participation and collaboration through scientific research. This is a science-based classroom project where educators can also incorporate collaboration with other core subject areas. The challenge highlights topics related to climate, climate change, and environmental health in North Carolina and aims to explore health effects, vulnerable populations, and specific areas in the state that experience negative health impacts due to disaster events and environmental hazards.

Who is eligible to participate: North Carolina 6th through 9th Grade science teachers and students.

*Preference will be given to schools located in disadvantaged and/or underserved communities

Submission of the Interest Form: due by 11:59 pm E.T. on Sunday, October 22, 2023.

Resources for participants: NIEHS has developed two PowerPoint presentations and a student and teacher's workbook to be used as resources to learn about climate change and to develop the project proposal. The first presentation includes slides that will enhance students' knowledge on climate change, environmental health,

and other relevant topics. The second presentation displays the project details to allow students the opportunity to create their own proposals as a group on a climate change related environmental health issue.

A teacher's module is available for teachers to use as a guide on how to explain, teach, and break down each of the lessons and activities for students. The end of the module includes evaluation questions, as NIEHS wants your insight on how this project can excel in the future.

Instructions for teachers: After students have developed their group proposals, you, the teacher, will select one proposal that is feasible for the class to further develop. The class will expand on this project by working as a team to further research the problem in their environment, collecting background information on the problem and plan and create an attainable solution, outlining materials, budget, and steps needed to implement and complete the project. Please note this challenge seeks to implement projects that increase community solutions for environmental health impacts due to climate change, and projects that incorporate work with a community partner will be awarded extra points for consideration.

All submitted classroom proposals will be judged using standardized criteria. You can find the judging criteria at the end of the teacher's module. **The top three teachers/classes may be awarded support to implement their projects within their local community.**

Project Timeframe: This project has 4 phases.

Phase One: Submission of the application below, **due by 11:59 pm E.T. on Sunday, October 22, 2023.**

Phase Two: Implementing the lesson plan and development of the project proposal. Proposal submissions are **due by 11:59 p.m. on Sunday, December 17, 2023. Science Shark Tank will be held in mid-December.**

Phase Three: NIEHS will review the submitted proposals. The top 3 proposals will be announced on January 22, 2024. Implementation of the project runs from January 2024 through the end of March 2024. **Evaluation forms are due by Mar 1, 2024.**

Phase Four: The top 3 proposals will be presented by the teacher and student representatives at the **Women's Health Awareness Conference on Saturday, April 13, 2024.** At that time, presentations will be judged, and the 3 projects will be ranked. Prior to the conference teacher and student representatives must participate in an IT virtual practice session. Final presentations must be submitted electronically at this time. Report back. All winners will be required to submit a final budget report with receipts and final teachers' program evaluations by Additionally, the top three winners will submit a PowerPoint presentation showcasing project implementation, successes, and solutions within their local community by as well a scientific poster presentation. Videos will be presented at the 2023 Women's Health Awareness conference and archived on the website as a resource for other teachers.

The top 3 proposals will receive up to \$500 for the development of the projects.

All project proposals should be emailed to WHA@mail.nih.gov by 11:59 p.m. on December 17, 2023 .

For additional information, please contact Jaslyn Grullon at jaslyn.grullon@nih.gov or (984) 287-4999.

OMB#: 0925-0740 Expiration Date: 09/2025

Public reporting burden for this collection of information is estimated to average 10 minutes per response,including the time for reviewing instructions, searching existing data sources, gathering and

maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to: NIH, Project Clearance Branch; 6705 Rockledge Drive, MSC 7974, Bethesda, MD 20892-7974, ATTN: PRA (0925-0740). Do not return the completed form to this address.

Privacy Statement

The primary use of the collection of your names, phone number, and email addresses to sign up for the Climate Change in Your Community Environmental Health Challenge. If you do not provide this information, you would not be able to be considered as a participant in this project. The information you provide will be included in a Privacy Act system of records and will be used and may be disclosed for the purposes and routine uses described and published in the following System of Records Notice (SORN): 09-25-0012 Clinical Research: Candidate Healthy Volunteer Records, HHS/NIH/CC

Proposal Application

For additional information, please contact Jaslyn Grullon at jaslyn.grullon@nih.gov or (984) 287-4999.

This is the official interest form for the NIEHS Women's Health Awareness Climate Change in Your Community Challenge. Please complete all fields in the form below to be considered for this challenge.

Submission of the interest form: due by 11:59 pm E.T. on Sunday, October 22, 2023.

Please complete the form with information for the PRIMARY and/or LEAD TEACHER who will serve as the responsible teacher and contact for this project.

Title:

* must provide value

First Name:

* must provide value

Last Name:

* must provide value

Grade:

* must provide value

Email:

* must provide value

Direct Phone:

* must provide value

Name of science course (e.g., life science, physical science, earth science, etc.)

* must provide value

School Name:

* must provide value

Principal Name:

* must provide value

Principal Email:

* must provide value

Principal Direct Phone:

* must provide value

School Address:

* must provide value

School City:

* must provide value

School Zipcode:

* must provide value

School District:

* must provide value

NC County:

* must provide value

What climate change issue(s) do you deal with in your community?

* must provide value

- ☐ Hurricanes
- ☐ Flooding
- ☐ Wildfires
- ☐ Severe heat/cold
- ☐ Drought
- ☐ Beach erosion
- ☐ Other

[Check all that apply](#)

In a few sentences, describe how climate change impacts your community.

* must provide value

200 characters remaining

How does your school qualify as a disadvantaged and/underserved school? (e.g. a Title I school)

* must provide value

200 characters remaining

Submit

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