

**I. Abstract**

The National Aeronautics and Space Administration (NASA) is leading an Urban Air Mobility (UAM) vehicle noise cooperative human response study involving multiple testing locations, other US government agencies, academia, and industry. Overarching study goals are:

1. Obtain a wide range of UAM vehicle sounds for use in human response studies.
2. Provide insights into human response of UAM vehicle noise that will collectively be challenging for any single agency or organization to acquire.
3. Create an open database of human response to UAM vehicle noise to support follow-on studies.

The UAM vehicle noise cooperative human response study is currently divided into two phases: A Feasibility Phase (Phase 1) and Phase 2. Each phase executes one or more psychoacoustic tests. Phase 1 seeks to demonstrate and refine the test methodology that will be used in Phase 2. Since UAM vehicle noise may be challenging to acquire as stimuli, the Phase 1 psychoacoustic test will use other types of aircraft noise as stimuli. Phase 2 will focus on capturing human response to UAM vehicle noise stimuli.

This information collection is for the Phase 1 psychoacoustic test. A remote psychoacoustic testing platform will allow recruited test subjects to listen to NASA-provided test sound stimuli over the internet using their own computers and headphones and register their annoyance rating for each.

The outcome of the Phase 1 psychoacoustic test is a demonstrated capability for ranking of sound stimuli by annoyance ratings from remote test subjects.

**II. Methods of Collection**

Test subjects will electronically indicate their annoyance rating to test stimuli into an interface displayed on their own computers.

**III. Data**

*Title:* Remote Psychoacoustic Test for Urban Air Mobility Vehicle Noise Human Response.

*OMB Number:*

*Type of review:* New.

*Affected Public:* Individuals.

*Estimated Annual Number of*

*Activities:* 1.

*Estimated Number of Respondents*

*per Activity:* 60.

*Annual Responses:* 60.

*Estimated Time per Response:* 80 minutes.

*Estimated Total Annual Burden Hours:* 80 hours.

*Estimated Total Annual Cost:* \$3,200.

**IV. Request for Comments**

*Comments are invited on:* (1) Whether the proposed collection of information is necessary for the proper performance of the functions of NASA, including whether the information collected has practical utility; (2) the accuracy of NASA's estimate of the burden (including hours and cost) of the proposed collection of information; (3) ways to enhance the quality, utility, and clarity of the information to be collected; and (4) ways to minimize the burden of the collection of information on respondents, including automated collection techniques or the use of other forms of information technology.

Comments submitted in response to this notice will be summarized and included in the request for OMB approval of this information collection. They will also become a matter of public record.

**Lori Parker,**

*NASA PRA Clearance Officer.*

[FR Doc. 2021-19445 Filed 9-7-21; 8:45 am]

**BILLING CODE 7510-13-P**

**NATIONAL SCIENCE FOUNDATION****Notice of Permits Issued Under the Antarctic Conservation Act of 1978**

**AGENCY:** National Science Foundation.

**ACTION:** Notice of permit issued.

**SUMMARY:** The National Science Foundation (NSF) is required to publish notice of permits issued under the Antarctic Conservation Act of 1978. This is the required notice.

**FOR FURTHER INFORMATION CONTACT:** Polly Penhale, ACA Permit Officer, Office of Polar Programs, National Science Foundation, 2415 Eisenhower Avenue, Alexandria, VA 22314; 703-292-8030; email: [ACApermits@nsf.gov](mailto:ACApermits@nsf.gov).

**SUPPLEMENTARY INFORMATION:** On August 27, 2021, the National Science Foundation published a notice in the **Federal Register** of a permit application received. The permit was issued on August 30, 2021, to:

**Permit No. 2022-004**

1. Dale Andersen

**Erika N. Davis,**

*Program Specialist, Office of Polar Programs.*

[FR Doc. 2021-19467 Filed 9-7-21; 8:45 am]

**BILLING CODE 7555-01-P**

**NATIONAL SCIENCE FOUNDATION****Notice of Permits Issued Under the Antarctic Conservation Act of 1978**

**AGENCY:** National Science Foundation.

**ACTION:** Notice of permits issued.

**SUMMARY:** The National Science Foundation (NSF) is required to publish notice of permits issued under the Antarctic Conservation Act of 1978. This is the required notice.

**FOR FURTHER INFORMATION CONTACT:** Polly Penhale, ACA Permit Officer, Office of Polar Programs, National Science Foundation, 2415 Eisenhower Avenue, Alexandria, VA 22314; 703-292-8030; email: [ACApermits@nsf.gov](mailto:ACApermits@nsf.gov).

**SUPPLEMENTARY INFORMATION:** On July 23, 2021, the National Science Foundation published a notice in the **Federal Register** of permit applications received. The permits were issued on August 2, 2021, to:

**Permit No. 2022-002**

1. George Watters

**Permit No. 2022-003**

2. George Watters

**Erika N. Davis,**

*Program Specialist, Office of Polar Programs.*

[FR Doc. 2021-19469 Filed 9-7-21; 8:45 am]

**BILLING CODE 7555-01-P**

**NATIONAL SCIENCE FOUNDATION****Notice of Intent To Seek Approval To Establish an Information Collection**

**AGENCY:** National Science Foundation.

**ACTION:** Notice and request for comments.

**SUMMARY:** The National Science Foundation (NSF) is announcing plans to request approval for the collection of research and development data through the Directorate for Computer and Information Science and Engineering Research Experiences for Undergraduates Sites and Supplements Evaluation. In accordance with the requirement of the Paperwork Reduction Act of 1995, we are providing opportunity for public comment on this action. After obtaining and considering public comment, NSF will prepare the submission requesting that OMB approve clearance of this collection for no longer than 3 years.

**DATES:** Written comments on this notice must be received by November 8, 2021 to be assured of consideration. Comments received after that date will be considered to the extent practicable.