

PRIVACY ACT NOTIFICATION

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Paperwork Reduction Act Statement:

This information collection meets the requirements of 44 U.S.C. §3507, as amended by section 2 of the Paperwork Reduction Act of 1995. You do not need to answer these questions unless we display a valid Office of Management and Budget (OMB) control number. The OMB control number for this collection is 2700-0159 and expires 09/30/2024.

INTRODUCTION

NASA OSTEM is interested in understanding how organizations develop institutional research capacity as a result of funding received from NASA. As a NASA grantee, you are being invited to complete a questionnaire about your organizations' institutional research capacity.

You may find it helpful to pull up your Research Performance Progress Report (RPPR) completed during calendar year 2022 to assist you with filling out this survey.

We appreciate your time and attention in completing this survey.

PROJECT AND PARTICIPANT INFORMATION

1. Please answer the following questions:

What is the name of your EPSCoR project?

What is your name?

2. What is your EPSCoR Jurisdiction?

3. Which of the following EPSCoR awards funded your project?

- Research Infrastructure Development (RID)
- Rapid Response Research (R3)
- International Space Station (ISS) Flight Opportunity
- Suborbital Flight Opportunity (SFO)
- EPSCoR Research Fellows: Research Infrastructure Improvement (RII) Track –

4 Other, please specify

STUDENT ENGAGEMENT AND SUPPORT

An element of institutional research capacity is student engagement and support, which includes designing new courses, awarding degrees, and offering funding to support students' participation in research activities (e.g., graduate assistantships or fellowships). Please indicate whether NASA funding supported work in each activity during the 2022 calendar year.

4. For the following, think about your specific project. Please record the number of the **2022 calendar year**.

Number of new courses developed?

How many undergraduate, master's, and doctoral STEM degrees were awarded during this reporting period?

Number of undergraduate students supported?

Number of master's students supported?

Number of doctoral students supported?

If there are other student engagement activities, please describe them.

Number of additional students impacted by these additional engagement activities?

5. Given this list, have we missed any other metrics related to student engagement and support efforts to show your impact or progress in building institutional research capacity? If easily accessible, please provide a number for each.

6. Please describe the impact of NASA-funded student engagement and support efforts on your institution's capacity to do research.

FACULTY RESEARCH AND DEVELOPMENT

An element of institutional research capacity is faculty and staff offering presentations, submitting manuscripts for publication, and leading workshops or training. Please indicate whether NASA funding supported work in each activity during the 2022 calendar year.

7. For each line, record the number of presentations or publications that are currently under review during the **2022 calendar year** (submitted, awaiting decision) or accepted (officially accepted for publication). Each submission should only be listed in one category.

Submitted and Currently Under Review Accepted for Publication or

Number of conference presentations (peer-reviewed or invited)?

Presentation

Number of book (or book chapter) publications?

Number of periodical publications (e.g., practitioner, magazine, or general publication)?

Number of peer-reviewed journal publications?

Number of nonpeer-reviewed publications?

8. For the following, think about your specific project. Please record a number for the **2022 calendar year**.

Number

Number of people who received release time for research?

Number

Number of people who received release time for student mentoring?

Number of people participating in writing groups?

Number of people hired?
Number of postdoctoral fellows hired?

Number of visiting research scholars hired?

Number of new collaborations developed within the institution?

Number of internal or external workshops/trainings/seminars offered?

Number of awards received?

9. Given this list, have we missed any other metrics related to faculty research and development to show your impact or progress in building institutional research capacity? If easily accessible, please provide a number for each.

10. Please describe the impact of NASA-funded faculty research and development in building your institution's capacity to do research.

FUNDING AND INFRASTRUCTURE ENHANCEMENTS

An element of institutional research capacity is improving research infrastructure, developing new inventions, and obtaining additional funding for research activities. Please indicate whether NASA funding helped your institution to develop or enhance its infrastructure during the reporting period. Record one response for each line for the 2022 calendar year.

11. For the following, think about your specific project. Please record a number for the **2022 calendar year**.

	Number
Number of constructed research laboratories and/or facilities?	<input type="text"/>
Number of existing research laboratories and/or facilities were upgraded?	<input type="text"/>
Number of newly purchased research equipment?	<input type="text"/>
Number of restorations to existing equipment?	<input type="text"/>
Number of new technologies, inventions, and/or techniques?	<input type="text"/>
Number of new patents and licenses secured?	<input type="text"/>
Number of new or updated websites/ internet sites?	<input type="text"/>

12. Given this list, have we missed any other metrics related to infrastructure enhancement to show your impact or progress in building institutional research capacity? If easily accessible, please provide a number for each.

13. Please describe the impact of NASA-funded infrastructure enhancements for building your institution's capacity to do research.

FUNDING AND INFRASTRUCTURE

An element of institutional research capacity is improving research infrastructure, developing new inventions, and obtaining additional funding for research activities. Please indicate whether NASA funding helped your institution to develop or enhance its infrastructure. Record one response for each line for the 2022 calendar year.

14. Do you have any funding in addition to the NASA EPSCoR funding? Please include other NASA and non-NASA funding in this section.

Yes

No

FUNDING AND INFRASTRUCTURE

15. What is the source of that additional funding?

16. What is the amount?

17. What is the timeline for the funding?

18. Do you have any additional funding to report?

Yes

No

19. What is the source?

20. What is the amount?

21. What is the timeline for the funding?

22. Do you have any additional funding to report?

Yes

No

ADDITIONAL FUNDING AND INFRASTRUCTURE - 2

23. What is the source?

24. What is the amount?

25. What is the timeline for the funding?

26. Do you have any additional funding to report?

Yes

No

ADDITIONAL FUNDING AND INFRASTRUCTURE - 3

27. What is the source?

28. What is the amount?

29. What is the timeline for the funding?

30. Do you have any additional funding to report?

Yes

No

ADDITIONAL FUNDING AND INFRASTRUCTURE - 4

31. What is the source?

32. What is the amount?

33. What is the timeline for the funding?

FUNDING SOURCES

34. Have you submitted for any new funds that are currently under review?

Yes

No

FUNDING SOURCES

35. What is the source of this potential new funding?

36. What is the amount?

37. What is the timeline for the funding?

38. Do you have any additional funding to report?

- Yes
- No

ADDITIONAL FUNDING SOURCES - 1

39. What is the source?

40. What is the amount?

41. What is the timeline for the funding?

42. Do you have any additional funding to report?

- Yes
- No

ADDITIONAL FUNDING SOURCES - 2

43. What is the source?

44. What is the amount?

45. What is the timeline for the funding?

46. Do you have any additional funding to report?

- Yes
- No

ADDITIONAL FUNDING SOURCES - 3

47. What is the source?

48. What is the amount?

49. What is the timeline for the funding?

50. Do you have any additional funding to report?

Yes

No

ADDITIONAL FUNDING SOURCES - 4

51. What is the source?

52. What is the amount?

53. What is the timeline for the funding?

FUNDING AND INFRASTRUCTURE

54. Please describe the impact of NASA-funding for building your institution's capacity to do research.

PARTNERSHIPS DEVELOPMENT

An element of institutional research capacity is building and developing partnerships to support research activities. Please indicate whether NASA funding helped your institution enhance its partnerships efforts. Record one response for each line for the 2022 calendar year.

55. For the following, think about your specific project. Please record a number for the **2022 calendar year.**

Number of new collaborations with NASA or NASA contractors?

Number of new industry partners?

Number of new partnerships with federal, state, and/or local government organizations?

Number of new partnerships developed with other institutions of higher education?

Number of new partnerships with K-12 schools?

Number of new partnerships with informal education institutions/providers?

56. Given this list, have we missed any other metrics related to partnerships to show your impact or progress in building institutional research capacity? If easily accessible, please provide a number for each.

57. Please describe the impact of partnership development for building your institution's capacity to do research.

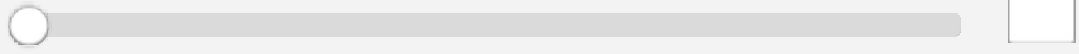
YOUR PERCEPTIONS ON THE COMPONENTS OF INSTITUTIONAL RESEARCH CAPACITY

Think back to the four components of institutional research capacity we have asked you about Student Engagement and Support, Faculty Research and Development, Funding and Infrastructure Enhancements, and Partnerships Development. How helpful is each?

Move the slider left or right to show your perception of the usefulness of each component for measuring your institutions' institutional research capacity at this time.

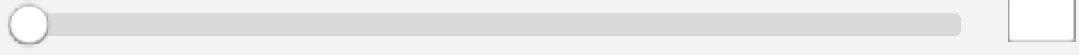
58. **Student Engagement and Support** (designing new courses for students, degrees awarded, funding to support students' participation in research activities, e.g., graduate assistantships or fellowships)

Does Not Help to Measure Research Capacity	Neutral	Very Helpful to Measure Research Capacity	<input type="checkbox"/>
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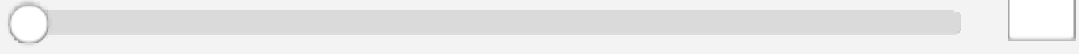
59. **Faculty Research and Development** (conferences and other presentations; publications of journal articles, books/chapters, other non-periodicals; and leading workshops or training)

Does Not Help to Measure Research Capacity	Neutral	Very Helpful to Measure Research Capacity	<input type="checkbox"/>
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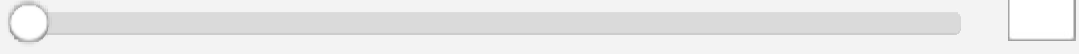
60. **Funding and Infrastructure** (physical infrastructure or technologies, inventions, or new funding)

Does Not Help to Measure Research Capacity	Neutral	Very Helpful to Measure Research Capacity	<input type="checkbox"/>
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61. **Partnerships** (developing new partnerships with NASA, other educational entities, industry, or organizations)

Does Not Help to Measure Research Capacity	Neutral	Very Helpful to Measure Research Capacity	<input type="checkbox"/>
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INSTITUTIONAL DESCRIPTION AND YOUR ROLE

62. Is your institution a Minority Serving Institution (MSI)?

- Yes
- No

BACKGROUND INFORMATION AND DEMOGRAPHICS

63. If your institution is an MSI, which of the following categories best characterizes your institution? (Mark all that apply)

- Alaska Native and Native Hawaiian
- Asian American and Native American Pacific Islander serving institution
- Hispanic Serving Institution
- Historically Black Colleges and University
- Predominantly Black Institution
- Tribal College or University
- Predominantly White Institution

BACKGROUND INFORMATION AND DEMOGRAPHICS

64. What is your institution's Carnegie classification? (Select One)

- R1: Doctoral Universities – Very high research activity
- R2: Doctoral Universities – High research activity
- D/PU: Doctoral/Professional Universities
- M1: Master's Colleges and Universities – Larger programs
- M2: Master's Colleges and Universities – Medium programs
- M3: Master's Colleges and Universities – Smaller programs
- Baccalaureate Undergraduate
- Community College
- Other (please specify)

65. What is your current role on this NASA activity at your institution? [choose one]

- Principal Investigator (PI)
- Co-Investigator (Co-PI)
- Sci-PI or Co-Sci-PI
- Other (please specify)

66. How many years have you been involved in the EPSCoR community? (enter a number only)

67. For how many years have you been in a research role? (enter only a number)

68. May we contact you to participate in a follow-up interview?

Yes

No

BACKGROUND INFORMATION AND DEMOGRAPHICS

69. Please provide your email address.