Informal Education Data

Project Information

Please fill out one form for each Informal Education Project

The intent of Informal Education is to increase learning, to educate students, educators & the general public on specific STEM content areas, and to expand the nation's future STEM workforce.

1. Institution Name:

2. Title of Project:

3. List Any Non-Affiliate Organizations Participating in This Project:

4. Brief Description of Project:

5. Evaluation: What NASA or project goals does this address?

6. Evaluation: What metrics are documented to determine effectiveness of activity (for example, pre and post survey assessment of interest in STEM)?

7. Please provide a brief anecdotal success story for informal education. Examples:

- Providing informal education resources & tools related to NASA content/missions to attract/retain individuals in STEM
- Providing professional development for informal education providers

Include any URLs to press releases, etc.
Show your accomplishments!
8. This project includes the following components (please mark all that apply). Note: NASA requires these projects to contain at least two of the following three:

- Supplemental Materials/Handouts
- Staffing
- Standard-based and/or learning objective content

9. Please enter the number for each type of activity supported by this project:

- Informal Educator Professional Development - Short Duration (<2 days)
- Informal Educator Professional Development - Long Duration (>= 2 days)
- Exhibit Supported/Developed
- Student Hands-on Activity
- Public at Large Activities Supported
- Other

10. Project Activity Start and End Dates

11. Location of Project Activity (City, State, Zip Code)

12. How many online STEM-based teaching tools** were created or maintained as a result of this activity/project? Please provide a description and whether new or existing.

**An online STEM-based teaching tool is defined as a resource for K-12 and informal educators and higher education faculty that provide support to improve educators’ STEM knowledge and/or enhances student interest/proficiency in STEM.

13. Does this activity provide opportunities for Informal Educators to participate in an existing NASA-sponsored project? If yes, please list project(s).
**14. Does this activity provide opportunities for students to participate in an existing NASA-sponsored project? If yes, please list project(s).**

**15. How Many Direct Participants were reached via this activity? Direct participants are individuals that are direct beneficiaries of the activity (i.e. participants and/or attendees that may have registered for the activity).**

<table>
<thead>
<tr>
<th>Category</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elementary School Teachers</td>
<td></td>
</tr>
<tr>
<td>Middle School Teachers</td>
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<tr>
<td>High School Teachers</td>
<td></td>
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<tr>
<td>Pre-Service Teachers</td>
<td></td>
</tr>
<tr>
<td>Informal Educators</td>
<td></td>
</tr>
<tr>
<td>Higher Education Faculty</td>
<td></td>
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<tr>
<td>Elementary School Students</td>
<td></td>
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<tr>
<td>Middle School Students</td>
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<tr>
<td>High School Students</td>
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<td>Undergraduate</td>
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<td>Graduate</td>
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<tr>
<td>Post Doctoral</td>
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<tr>
<td>Administrators</td>
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<tr>
<td>Parents/Guardians</td>
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<tr>
<td>Public At Large</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
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</tbody>
</table>
16. How Many Indirect Participants were reached via this activity? Indirect participants are individuals that indirectly benefit from the activity and/or can only be estimated (i.e. students that participate in revised courses that were developed Space Grant or matching funds).

Elementary School Teachers
Middle School Teachers
High School Teachers
Pre-Service Teachers
Informal Educators
Higher Education Faculty
Elementary School Students
Middle School Students
High School Students
Undergraduate
Graduate
Post Doctoral
Administrators
Parents/Guardians
Public At Large
Other

17. Direct FUNDED Student Participants. Refers to the Direct Student Participants recorded in Question 15, above, who received monetary support (regardless of the amount). This should be a subset of the total Direct Student Participants recorded in Question 15. Direct Funded Student Participants do not include recipients of reimbursements (i.e. travel, supplies, etc.).:
**18. Direct SIGNIFICANT INVESTMENT.** Please enter the total number of Direct Student Participants (Funded OR Unfunded) who received a SIGNIFICANT INVESTMENT: A "SIGNIFICANT INVESTMENT" is defined as:

--Involvement totaling 160 hours and above OR
--Award of $5,000 and above OR
--Through a cost benefit analysis proves to have significant impact on the student's academic achievement or employment.

This is a SUBSET of Direct Student Participants, recorded in Question 15. If none, please enter "0".

**19.** For all Direct FUNDED Students OR Students for whom there was a SIGNIFICANT INVESTMENT please list student names below AND have the students fill out our awardees form at:

https://www.surveymonkey.com/s/Awardee_Form

This information is very important; we will cross-check this list against the students that fill out the online awardees form.

If there were no Direct FUNDED Students OR Students for whom there was a SIGNIFICANT INVESTMENT please enter "N/A".

**20.** Please describe the involvement of higher education students and faculty in conducting this Informal Education project. If not applicable, please enter "N/A":

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## Informal Education Data

### 21. Informal Education Project Sources of Funding (please estimate; enter "0" where applicable.)

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>California Space Grant</td>
<td></td>
</tr>
<tr>
<td>Lead Institution (UC San Diego)</td>
<td></td>
</tr>
<tr>
<td>Academic Affiliates (Your Institution)</td>
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<tr>
<td>State/Local Government</td>
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<tr>
<td>Non-Profit</td>
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<tr>
<td>Industry</td>
<td></td>
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<tr>
<td>Other Non-Federal</td>
<td></td>
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</table>

If you have any REFERENCE DOCUMENTS related to this project to share with NASA in our report (for example, publicity about your activity, procedures, etc.), please email them to Tehseen Lazzouni at tlazzouni@ucsd.edu.

### 22. Form complete?

- [ ] This form is complete and ready to submit to the California Space Grant Consortium.