

Attachment D2

AISL Monitoring System Screenshots: OPMS Baseline Survey

Baseline Report Screenshots



Informal Science Education Program



To enter the Informal Science Education (ISE) Online Project Monitoring System (OPMS), please type your User Login and Password in the boxes below, then click on **Login**.

Login

User Login:

Password:

OMB # 3145-0158 Expiration Date: 9/30/2012
Informal Science Education (ISE)
Online Project Monitoring System (OPMS)

Sponsored by the
National Science Foundation
Conducted by
Westat
1650 Research Boulevard
Rockville, Maryland 20850

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Public Burden

Submission of the requested information is voluntary. Failure to provide full and complete information, however, may reduce the possibility for continuing support through the award/project subject to this survey. The public reporting burden for this collection of information is estimated to average 24.0 person hours for the Baseline Submission, 8.0 person hours for each Annual Report, and 16.0 person hours for the Closeout Report, including the time for reviewing instructions. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Suzanne Plimpton, Reports Clearance Officer for OMB Collection 3145-0158, National Science Foundation, 4201 Wilson Blvd., Suite 295, Arlington, VA 22230.

If you have any questions, contact: isehelp@westat.com

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INSTRUCTIONS FOR COMPLETING THE ISE BASELINE SUBMISSION

Award ID: 102
Award Type: Test Project

The National Science Foundation (NSF) is collecting information annually from all of its Informal Science Education (ISE) projects. The purpose is to obtain data that can be used to evaluate the collective impact of the ISE portfolio of funded projects, to monitor participants' activities and accomplishments, and to obtain information that can inform the design of future ISE efforts.

Some of this information can be taken directly from your original ISE proposal. You should call your Westat contact person or email isehelp@westat.com if you have any questions about how to respond to a particular item.

For guidance in using this system, click the *Help* link at the top or bottom of the screen. This will take you to a description of how to navigate the system, as well as additional information about how to address specific items.

Please complete each of the following sections of the Baseline Submission as they pertain to your ISE project. More than one person can log into the survey and enter information. You may complete the sections in any order. When you have started a section, the status will change to *Incomplete*. When you have completed a section, the status will change to *Complete*. Once all sections are complete, a *Submit Report* button will appear at the bottom of the page. Select the *Submit Report* button to complete and submit your survey.

	Status
Section A: Project and the Lead Organization	Incomplete
Section B: Key Personnel for the Project Team	Incomplete
Section C: Organizational Partners	Incomplete
Section D: Products, Programs, or Experiences for Public Audiences	Incomplete
Section E: Products, Programs, or Experiences for Professional Audiences	Incomplete
Section F: Formative and Summative Evaluation Questions	Not Started
Baseline Submission Status: Not complete	

[Section Menu](#) | [Print](#) | [Glossary](#) | [Help](#) | [Downloads](#) | [Sign out](#)

Section A: Project and the Lead Organization



[Section Menu](#) | [Print](#) | [Glossary](#) | [Help](#) | [Downloads](#) | [Sign out](#)

Project and the Lead Organization

This section is designed to collect information about the project, the lead organization, the primary point of contact at the lead organization, and the public venues that will be participating in your ISE project.

Question Guide

- Title/Abstract
- Lead Organization
- Venues
- Contact Info

Title/Abstract

A1. Project title:

A2. Please review and revise the following abstract about your project:

a

[Section Menu](#) | [Print](#) | [Glossary](#) | [Help](#) | [Downloads](#) | [Sign out](#)

Project and the Lead Organization

This section collects information about the lead organization for your project, which is defined as the lead fiscal agent for your ISE project.

Question Guide

- Title/Abstract
- Lead Organization
- Venues
- Contact Info

Lead Organization

A3. Lead organization name:

a

A4. Division/department: (If no division/department, enter "not applicable")

a

A5. Which of the following best describes this division/department or organization?

- Please select *one* organization type.
- If your organization is a division or department of a larger entity (e.g., a museum within a university), you should also provide information below about your division or department (as opposed to the larger entity) by selecting one division/department type.
- If your organization is not a division or department, select *Not Applicable* in the *Division/department* column.

	Organization	Division/ department
Informal Learning Institution/Organization		
Arboretum or botanical garden	<input type="radio"/>	<input type="radio"/>
Children's museum	<input type="radio"/>	<input type="radio"/>
History or art museum	<input type="radio"/>	<input type="radio"/>
Natural history museum	<input type="radio"/>	<input type="radio"/>
Science-technology center or museum	<input type="radio"/>	<input type="radio"/>
Nature or interpretive center	<input type="radio"/>	<input type="radio"/>
Planetarium or full-dome theater	<input type="radio"/>	<input type="radio"/>
Zoo or a combined zoo/aquarium	<input type="radio"/>	<input type="radio"/>
Aquarium only	<input type="radio"/>	<input type="radio"/>
Library	<input type="radio"/>	<input type="radio"/>
Theater or theater organization	<input type="radio"/>	<input type="radio"/>
Community organization	<input type="radio"/>	<input type="radio"/>
Youth organization/after-school organization	<input checked="" type="radio"/>	<input type="radio"/>
Other informal learning institution/organization (<i>specify</i>)		<input type="radio"/>
asdf <input style="width: 150px;" type="text"/>	<input type="radio"/>	<input checked="" type="radio"/>
Media Design and Production		
Exhibit design/fabrication firm/entity	<input type="radio"/>	<input type="radio"/>
Planetarium show production firm/entity	<input type="radio"/>	<input type="radio"/>
Independent film or media production firm/entity	<input type="radio"/>	<input type="radio"/>
Print media production firm/entity	<input type="radio"/>	<input type="radio"/>
Radio station or organization	<input type="radio"/>	<input type="radio"/>
Television station or organization	<input type="radio"/>	<input type="radio"/>
Website design firm/entity	<input type="radio"/>	<input type="radio"/>
Software design firm/entity	<input type="radio"/>	<input type="radio"/>
Digital/interactive media design and production firm/entity	<input type="radio"/>	<input type="radio"/>
Other media design/production (<i>specify</i>)		<input type="radio"/>
<input style="width: 150px;" type="text"/>	<input type="radio"/>	<input type="radio"/>
Educational Institution		
Pre-K-12 district/school (<i>including charter schools and private schools</i>)	<input type="radio"/>	<input type="radio"/>
2-year college or community college	<input type="radio"/>	<input type="radio"/>
4-year college or university	<input type="radio"/>	<input type="radio"/>
Other educational institution (<i>specify</i>)		<input type="radio"/>
<input style="width: 150px;" type="text"/>	<input type="radio"/>	<input type="radio"/>
Educational Support Services		
Educational or STEM materials development firm/entity	<input type="radio"/>	<input type="radio"/>
Educational or STEM research firm/entity	<input type="radio"/>	<input type="radio"/>
Other educational support services (<i>specify</i>)		<input type="radio"/>
<input style="width: 150px;" type="text"/>	<input type="radio"/>	<input type="radio"/>
Other		
Public or government agency	<input type="radio"/>	<input type="radio"/>
Evaluation or research firm/entity	<input type="radio"/>	<input type="radio"/>
National or regional association or professional organization	<input type="radio"/>	<input type="radio"/>
Other (<i>specify</i>) <input style="width: 150px;" type="text"/>	<input type="radio"/>	<input type="radio"/>

(Continued from previous page)

Other		
Public or government agency	<input type="radio"/>	<input type="radio"/>
Evaluation or research firm/entity	<input type="radio"/>	<input type="radio"/>
National or regional association or professional organization	<input type="radio"/>	<input type="radio"/>
Other (specify) <input type="text"/>	<input type="radio"/>	<input type="radio"/>
Not Applicable		
Not Applicable (i.e., the organization is not a division/department)	<input type="radio"/>	<input type="radio"/>

A6. Has the PI or any co-PIs for this project served as a PI or co-PI for a previous ISE and/or NSF project?

- If your project does not have a co-PI, please click the radio button in the column *No co-PI*.

	Served as a PI or co-PI for a previous ISE project		Served as a PI or a co-PI for a previous NSF (i.e., non-ISE)		No co-PI
	Yes	No	Yes	No	
PI for this grant	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Any co-PIs for this grant	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Question Guide

Title/Abstract

Lead Organization

Venues

Contact Info

Venues

A7. Please enter *each* public venue in which your project will reach public or professional audiences.

- For the purposes of this collection, public venue refers to a physical public setting in which public or professional audiences will convene to participate in an ISE-related product, program, or experience.
- To add a public venue to the table below, enter the venue name and zip code in the text boxes and select a venue type. Then, click the *Add* button in the right-hand column of the table.
- After you have added a venue to the table, use the *Edit* button to change information about it or use the *Delete* button to remove it.
- If your project has no public settings, please check the box below the table.

Public Venue Name	Public Venue Zip Code	Public Venue Type	
sample venue	00000	Other informal learning institution/organization <i>(specify):</i> sample	<input type="button" value="Edit"/> <input type="button" value="Delete"/>
<input type="text"/>	<input type="text"/>	Select venue type <input type="text"/> Other <i>(specify):</i> <input type="text"/>	<input type="button" value="Add"/>

This project has no physical public settings in which it will reach public or professional audiences.

Question Guide

Title/Abstract

Lead Organization

Venues

Contact Info

Contact Info

A8. Please provide the following contact information for the primary point of contact at the lead organization that will be responsible for answering any follow-up questions about your project's responses to this survey:

Primary point of contact for this survey:

Street address:

City:

State:

Zip code:

**Telephone number for the primary point of contact:
(###-###-####)**

Email address for the primary point of contact:

Save & Continue

Section B: Key Personnel for the Project Team

Key Personnel for the Project Team

This section collects information about each PI, co-PI, named advisor, key team member, and consultant that will make substantial contributions to your ISE project and that has an ongoing relationship in the development of project deliverables. If you have questions concerning who would qualify as a key member of the project team, please call your Westat contact person or email isehelp@westat.com.

Use the table below to generate a list of the key personnel for your project team. Once you have created the list, you will answer a set of questions for each individual you entered.

STEP 1: Generate a list of your key personnel.

- To add a member of your project team, type the individual's name in the text box in the *Name of Individual* column. Then, click the *Add* button in the right-hand column of the table.

STEP 2: Click on each individual listed below to provide information.

- After you add a project team member, that name becomes a link to a set of questions for that particular individual. Click on each link in the *Name of Individual* column to access and complete the questions for each individual.

Name of Individual	Information Status	
test	Incomplete	<input type="button" value="Delete"/>
test 2	Complete	<input type="button" value="Delete"/>
test 3	Complete	<input type="button" value="Delete"/>
<input type="text"/>		<input type="button" value="Add"/>

If you have completed adding and updating the key personnel for your project team, please click the *Submit* button.

(Projects will complete B1-B4 for each Individual added in section B)

Question B1-B4

Name: test

B1. With what organization is this individual affiliated? (If no organization, enter "not applicable.")

test

B2. Which of the following best describes the organization with which this individual is affiliated?

- Please select *one* organization type.
- If your organization is a division or department of a larger entity (e.g., a museum within a university), you should also provide information below about your division or department (as opposed to the larger entity) by selecting *one* division/department type.
- Select *Not Applicable* for both the organization and division if the individual is not affiliated with an organization.
- Select *Not Applicable* for division/department if there is no separate division within the organization.

	Organization	Division/ department
Informal Learning Institution/Organization		
Arboretum or botanical garden	<input type="radio"/>	<input type="radio"/>
Children's museum	<input type="radio"/>	<input type="radio"/>
History or art museum	<input type="radio"/>	<input type="radio"/>
Natural history museum	<input type="radio"/>	<input type="radio"/>
Science-technology center or museum	<input type="radio"/>	<input type="radio"/>
Nature or interpretive center	<input type="radio"/>	<input type="radio"/>
Planetarium or full-dome theater	<input type="radio"/>	<input type="radio"/>
Zoo or a combined zoo/aquarium	<input type="radio"/>	<input type="radio"/>
Aquarium only	<input checked="" type="radio"/>	<input type="radio"/>
Library	<input type="radio"/>	<input type="radio"/>
Theater or theater organization	<input type="radio"/>	<input type="radio"/>
Community organization	<input type="radio"/>	<input type="radio"/>
Youth organization/after-school organization	<input type="radio"/>	<input type="radio"/>
Other informal learning institution/organization (specify)	<input type="radio"/>	<input type="radio"/>
<input type="text"/>		
Media Design and Production		
Exhibit design/fabrication firm/entity	<input type="radio"/>	<input type="radio"/>
Planetarium show production firm/entity	<input type="radio"/>	<input type="radio"/>
Independent film or media production firm/entity	<input type="radio"/>	<input type="radio"/>
Print media production firm/entity	<input type="radio"/>	<input type="radio"/>
Radio station or organization	<input type="radio"/>	<input type="radio"/>
Television station or organization	<input type="radio"/>	<input type="radio"/>
Website design firm/entity	<input type="radio"/>	<input type="radio"/>
Software design firm/entity	<input type="radio"/>	<input type="radio"/>
Digital/interactive media design and production firm/entity	<input type="radio"/>	<input type="radio"/>
Other media design/production (specify) <input type="text"/>	<input type="radio"/>	<input type="radio"/>
Educational Institution		
Pre-K-12 district/school (including charter schools and private schools)	<input type="radio"/>	<input type="radio"/>
2-year college or community college	<input type="radio"/>	<input type="radio"/>
4-year college or university	<input type="radio"/>	<input type="radio"/>
Other educational institution (specify) <input type="text"/>	<input type="radio"/>	<input type="radio"/>
Educational Support Services		
Educational or STEM materials development firm/entity	<input type="radio"/>	<input type="radio"/>
Educational or STEM research firm/entity	<input type="radio"/>	<input type="radio"/>
Other educational support services (specify) <input type="text"/>	<input type="radio"/>	<input type="radio"/>
Other		
Public or government agency	<input type="radio"/>	<input type="radio"/>
Evaluation or research firm/entity	<input type="radio"/>	<input type="radio"/>
National or regional association or professional organization	<input type="radio"/>	<input type="radio"/>
Other (specify) <input type="text"/>	<input type="radio"/>	<input type="radio"/>

(Continued on next page)

Not Applicable		
Not Applicable (i.e., the individual is not affiliated with an organization)	<input type="radio"/>	<input type="radio"/>

B3. What role will this individual assume on your project? (Select all that apply.)

	Primary Role (select one)	Secondary Role (select all that apply)
Principal investigator	<input type="radio"/>	<input type="checkbox"/>
Co-principal investigator	<input type="radio"/>	<input type="checkbox"/>
Program management	<input type="radio"/>	<input type="checkbox"/>
Committee member/chair	<input type="radio"/>	<input type="checkbox"/>
Content specialist	<input checked="" type="radio"/>	<input type="checkbox"/>
Materials design or development (e.g., film producer, curriculum writer, exhibit designer)	<input type="radio"/>	<input type="checkbox"/>
Advisor/consultant	<input type="radio"/>	<input type="checkbox"/>
Marketing and/or outreach (e.g., program promoter, exhibit public relations, participant recruitment)	<input type="radio"/>	<input type="checkbox"/>
Educator/programming provider (e.g., exhibit guide, after school leader)	<input type="radio"/>	<input type="checkbox"/>
Trainer	<input type="radio"/>	<input type="checkbox"/>
External evaluator	<input type="radio"/>	<input type="checkbox"/>
Researcher	<input type="radio"/>	<input type="checkbox"/>
Other (specify) <input type="text"/>	<input type="radio"/>	<input type="checkbox"/>

B4. Please provide the following contact information for this individual:

Zip code:

Telephone number:

Email address:

Section C: Organizational Partners

Organizational Partners

In this section, please provide information about each of your organizational partners. For the purposes of the OPMS, this includes project partners, sub-awardees, and co-funders (who provide at least 10% of the total project budget). If you have questions concerning who would qualify as an organizational partner please call your Westat contact person or email isehelp@westat.com.

Use the table below to generate a list of your organizational partners. Once you have created this list, you will answer a series of questions for each organizational partner. If your project has no organizational partners, check the box below the table.

STEP 1: Generate a list of your organizational partners.

- To add an organizational partner, enter the organization's name in the text box in the *Partner Organization* column. Then, click the *Add* button in the right-hand column of the table.
- Do not include formative or summative evaluators here. You will enter information about evaluators in **Section F: Formative and Summative Evaluation Questions**.
- If a venue is an organizational partner, please enter the information about this venue in this section and in **Section A: Project and the Lead Organization**. If the venue is not an organizational partner, please only enter the information in Section A.

STEP 2: Click on each organization listed below to provide information.

- After you add an organization to the table, the organization's name becomes a link to a set of questions for that particular organization. Click on each organization name in the *Partner Organization* column to access and complete the questions for that organization.

Partner Organization	Partner Primary Contact	Information Status	
test	test	Incomplete	Delete
test 2	asdf	Complete	Delete
test 3	asdf	Complete	Delete
<input type="text"/>			Add

This project has no organizational partners.

If you have completed adding and updating your organization's partners, or if you have no organizational partners, please click the *Submit* button.

(Projects will complete C1-C5 for each Partner added in Section C)

Organizational Partners

Question C1-C5

C1. Organization name:
test

C2. Division/department: (If no division/department, enter "not applicable.")

asdf

C3. Which of the following best describes this organization (or division within an organization)?

- Please select *one* organization type.
- If the organization is a division or department of a larger entity (e.g., a museum within a university), you should also provide information below about the division or department (as opposed to the larger entity) by selecting one division/department type.
- If there is no division/department for this organization, select *Not Applicable*.

	Organization	Division/ department
Informal Learning Institution/Organization		
Arboretum or botanical garden	<input type="radio"/>	<input type="radio"/>
Children's museum	<input type="radio"/>	<input type="radio"/>
History or art museum	<input type="radio"/>	<input type="radio"/>
Natural history museum	<input type="radio"/>	<input type="radio"/>
Science-technology center or museum	<input type="radio"/>	<input type="radio"/>
Nature or interpretive center	<input checked="" type="radio"/>	<input type="radio"/>
Planetarium or full-dome theater	<input type="radio"/>	<input type="radio"/>
Zoo or a combined zoo/aquarium	<input type="radio"/>	<input type="radio"/>
Aquarium only	<input type="radio"/>	<input type="radio"/>
Library	<input type="radio"/>	<input type="radio"/>
Theater or theater organization	<input type="radio"/>	<input type="radio"/>
Community organization	<input type="radio"/>	<input type="radio"/>
Youth organization/after-school organization	<input type="radio"/>	<input type="radio"/>
Other informal learning institution/organization (specify) <input style="width: 200px;" type="text"/>	<input type="radio"/>	<input type="radio"/>
Media Design and Production		
Exhibit design/fabrication firm/entity	<input type="radio"/>	<input type="radio"/>
Planetarium show production firm/entity	<input type="radio"/>	<input type="radio"/>
Independent film or media production firm/entity	<input type="radio"/>	<input type="radio"/>
Print media production firm/entity	<input type="radio"/>	<input type="radio"/>
Radio station or organization	<input type="radio"/>	<input type="radio"/>
Television station or organization	<input type="radio"/>	<input type="radio"/>
Website design firm/entity	<input type="radio"/>	<input type="radio"/>
Software design firm/entity	<input type="radio"/>	<input type="radio"/>
Digital/interactive media design and production firm/entity	<input type="radio"/>	<input type="radio"/>
Other media design/production (specify) <input style="width: 200px;" type="text"/>	<input type="radio"/>	<input type="radio"/>
Educational Institution		
Pre-K-12 district/school (including charter schools and private schools)	<input type="radio"/>	<input type="radio"/>
2-year college or community college	<input type="radio"/>	<input type="radio"/>
4-year college or university	<input type="radio"/>	<input type="radio"/>
Other educational institution (specify) <input style="width: 200px;" type="text"/>	<input type="radio"/>	<input type="radio"/>
Educational Support Services		
Educational or STEM materials development firm/entity	<input type="radio"/>	<input type="radio"/>
Educational or STEM research firm/entity	<input type="radio"/>	<input type="radio"/>
Other educational support services (specify) <input style="width: 200px;" type="text"/>	<input type="radio"/>	<input type="radio"/>
Other		

(Continued on next page)

Other		
Public or government agency	<input type="radio"/>	<input type="radio"/>
Evaluation or research firm/entity	<input type="radio"/>	<input type="radio"/>
National or regional association or professional organization	<input type="radio"/>	<input type="radio"/>
Other (specify) <input type="text"/>	<input type="radio"/>	<input type="radio"/>
Not Applicable		
Not Applicable (i.e., there is no division/department for this organization)	<input type="radio"/>	<input type="radio"/>

C4. What role will this organization assume on your project?

C5. Please provide the following contact information for this organization:

Primary point of contact:

Zip code:

Telephone number for the primary point of contact:

Email address for the primary point of contact:

Section D: Products, Programs, or Experiences for Public Audiences

Products, Programs, or Experiences for Public Audiences

This section collects information about each public audience deliverable that your project is designed to produce. Public audience deliverables are products, programs, or experiences that target public audiences for self-directed learning in informal settings. If your project has deliverables that target public audiences, select "Yes" to D1 to enter the public audience deliverable section. If your project does not have any public audience deliverables, select "No" and proceed to **Section E: Deliverables for Professional Audiences**.

NOTE: Before selecting an answer for D1, please note that this section **does not** collect information about products, programs, or experiences that target professional audiences. Deliverables for professional audiences should **only** be added in **Section E: Deliverables for Professional Audiences**.

D1. Does your project have any deliverables for public audiences?

- Yes
 No

Save & Continue

(Only projects that select "Yes" to D1 will continue to the Deliverable List screen)

Question Guide

Intro Page

Deliverable List

Deliverable List

Use the table below to generate a list of your public audience deliverables. Once you have created this list, you will answer a series of questions for each deliverable you entered.

STEP 1: Generate a list of your project deliverables for public audiences.

- To add a deliverable, enter the deliverable name in the text box in the *Deliverable Name* column. Then, click the *Add* button in the right-hand column of the table.
- Your project will likely have multiple deliverables (e.g., a museum exhibit and a website). [Click here](#) to review the OPMS list of public audience deliverable types. If your deliverable type is not included on this list, you can enter it in an "Other" category when you provide information about the deliverable type.

STEP 2: Click each deliverable name listed below to provide information.

- After you add a deliverable, the deliverable name becomes a link to a series of questions for that particular deliverable. Click on each deliverable name in the *Deliverable Name* column to access and complete the questions for that deliverable.
- The information collected for each deliverable is very important, and you should carefully consider your response to each item. The information you provide will maximize the ISE program's capacity to report on specific trends and accomplishments at the program, project, and deliverable levels.

Deliverable Name	Information Status	
test	Incomplete	Delete
<input type="text"/>		Add

If you have completed adding and updating the public audience deliverables, please click the *Submit* button.

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Submit

Question Guide

- Intro Page
- Deliverable List
- Deliverable Type
- Website Info
- Audience Count
- Project Info
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Deliverable Type

D2. Please indicate the deliverable type that best describes this product, program, or experience. (Select one.)

Audio and Video	
Planetarium show (at one or more public venues)	<input type="radio"/>
Full-length film/movie	<input type="radio"/>
Television segment/episode/program/series	<input type="radio"/>
Video segment/clip/program/series (that does <u>not</u> originate on television or full-length film/movie)	<input type="radio"/>
Radio segment/episode/program/series (that originates on AM/FM/HD/satellite radio)	<input type="radio"/>
Audio segment/episode/program/series (that does <u>not</u> originate on radio)	<input type="radio"/>
Other audio or video (specify) <input style="width: 150px;" type="text"/>	<input type="radio"/>

Exhibits (not including virtual exhibits)	
Permanent exhibit (create/revise exhibit at one or more public venues)	<input type="radio"/>
Temporary exhibit (create/revise exhibit at one or more public venues)	<input type="radio"/>
Traveling exhibit (create/revise traveling exhibit at two or more public venues)	<input type="radio"/>
Other exhibit (specify) <input style="width: 150px;" type="text"/>	<input type="radio"/>

Programs, Events, and Activities	
After-school or summer program for youth (e.g., at a youth or community center)	<input type="radio"/>
Science café	<input type="radio"/>
Group/club (e.g., astronomy club)	<input type="radio"/>
Group-oriented program (e.g., family nights at a museum)	<input type="radio"/>
Festival or other one-time/annual event	<input type="radio"/>
Theater production or performance	<input type="radio"/>
Research and/or data collection BY citizen scientists	<input type="radio"/>
Other program or event (specify) <input style="width: 150px;" type="text"/>	<input type="radio"/>

Resource Materials and Information Sharing	
Blog/newsletter	<input type="radio"/>
Newspaper/magazine (article or entire publication)	<input type="radio"/>
Discussion group/forum (e.g., face-to-face or online)	<input type="radio"/>
Presentation BY STEM/other professionals for the general public (e.g., lectures by scientists or other STEM professionals at museums or other public venues)	<input type="radio"/>
Presentation BY informal learners (e.g., seminar by citizen scientists describing findings from their research or data)	<input type="radio"/>
Research paper or issue brief (e.g., paper prepared by citizen scientists describing findings from their research or data)	<input type="radio"/>
Informational guides (e.g., family guides that help explain key concepts in a museum exhibit)	<input type="radio"/>
Demonstration/activity kit/guide (with supplies and/or instructions to perform experiments or activities)	<input type="radio"/>
Other resource materials (specify) <input style="width: 150px;" type="text"/>	<input type="radio"/>

Infrastructure Development or Enhancement for Facilitated Communication	
Wiki website (e.g., allows creation and editing of interlinked web pages via a web browser using a simplified markup language)	<input type="radio"/>
Database on project website (e.g., database to collect data from citizen scientists)	<input type="radio"/>
Database on non-project website (e.g., developing the capacity to contribute to an existing database)	<input type="radio"/>
Other infrastructure (specify) <input style="width: 150px;" type="text"/>	<input type="radio"/>

Games and Information and Communication Technologies	
Game (e.g., mobile online games, massively multiplayer online games, console games, board games)	<input type="radio"/>
Social virtual world (e.g., computer-based simulated environments such as Second Life)	<input type="radio"/>
Simulation (e.g., a virtual museum exhibit, a simulation of a scientific phenomenon)	<input type="radio"/>
Application for mobile/wireless device (e.g., GPS or iPhone/iPad application)	<input type="radio"/>
Other information and communication technology (specify) <input style="width: 150px;" type="text"/>	<input type="radio"/>

Project Website	
Project Website	<input checked="" type="radio"/>

Other	
Other (specify) <input style="width: 150px;" type="text"/>	<input type="radio"/>

Save & Continue

(D2a only applies to projects that selected "Project website" in D2)

Question Guide

- Intro Page
- Deliverable List
- Deliverable Type
- Website Info
- Audience Count
- Project Info
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Website Info

D2a. Which of the following products, programs, or experiences are included on your project website? (Select all that apply for your project website.)

- Full-length film/movie
- Television segment/episode/program/series
- Video segment/clip/program/series (that does not originate on television or full-length film)
- Radio segment/episode/program/series (that originates on AM/FM/HD/satellite radio)
- Audio segment/episode/program/series (that does not originate on radio)
- Blog/newsletter
- Newspaper/magazine (article or entire publication)
- Discussion group/forum
- Presentation (e.g., PowerPoint slides from presentation by scientists for informal learners)
- Research paper or issue brief
- Activity or informational guide/kit (e.g., family guides for a museum exhibit)
- Wiki site
- Database
- Game (e.g., mobile online games, massively multiplayer online games, console games)
- Social virtual world (e.g., computer-based simulated environments such as Second Life)
- Simulation (e.g., a virtual museum exhibit, a simulation of a scientific phenomenon)
- Application for mobile/wireless device (e.g., GPS or iPhone/iPad application)
- Other components that appear on a project website (specify)

asdf

Save & Continue

(Version of D3 depends on deliverable type selected in D2)

- Question Guide
- Intro Page
- Deliverable List
- Deliverable Type
- Website Info
- Audience Count
- Project Info
- Geographic Reach
- Target Group
- Target Audience**
- Target Group Data
- Impact List

Audience Count

D3g. In the table below, please select the method(s) that will be used to deliver this product, program, or experience to your public audiences.

For each selected delivery method, provide your best estimate of the number of individuals that you expect to reach with *this* deliverable over the course of the ISE grant award period.

If possible, provide an **unduplicated count** of the number of individuals that are expected to use a given delivery method to listen, view, read, and/or use this deliverable during the ISE grant award period. *If you are only providing an unduplicated count, please leave the duplicated count field blank.*

[Click here for the ISE definition of unduplicated counts.](#)

In cases where it is not possible to provide an unduplicated count for a given delivery method, provide a **duplicated count** of the number of individuals that will listen, view, read, and/or use this deliverable. *If you are only providing a duplicated count, please leave the unduplicated count field blank.*

[Click here for the ISE definition of duplicated counts.](#)

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

	Delivery Methods	Unduplicated Count	Duplicated Count	Unable to determine at this time
<input checked="" type="checkbox"/>	Project Website	<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>

Question Guide

- Intro Page
- Deliverable List
- Deliverable Type
- Website Info
- Audience Count
- Project Info
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Project Info

D4. Please provide a brief description (i.e., 2-3 sentences) of this deliverable.

- Include information about any specific public audiences that will be targeted by this deliverable—as well as any unique or innovative features of the deliverable that are worth noting (e.g., the use of 4D movie technology).

asdf

D5. Please indicate whether this deliverable is a primary or secondary focus of your overall ISE project.

- Primary focus (i.e., at least 25 percent of your overall ISE project effort in terms of budget and/or staff time)
- Secondary focus (i.e., less than 25 percent of your overall ISE project effort in terms of budget and/or staff time)

D6. Which of the following are the primary and secondary STEM content foci of this deliverable?

- This item focuses exclusively on the STEM content that is being conveyed by this deliverable (e.g., what the project is looking to educate public audiences about).
- Check up to two primary STEM content foci for this deliverable. Check all remaining secondary STEM content foci that apply for this deliverable.

NSF Division STEM Content Area	Primary	Secondary
Biological Sciences		
Environmental Biology	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Integrative Organismal Systems	<input type="checkbox"/>	<input type="checkbox"/>
Molecular and Cellular Biosciences	<input type="checkbox"/>	<input type="checkbox"/>
Other biological sciences (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Computer and Informational Sciences		
Computer and Network Systems	<input type="checkbox"/>	<input type="checkbox"/>
Intelligent Systems and Robotics	<input type="checkbox"/>	<input type="checkbox"/>
Other computer and informational sciences (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engineering		
Chemical, Bioengineering, Environmental, Transport Systems	<input type="checkbox"/>	<input type="checkbox"/>
Civil, Mechanical and Manufacturing Innovation	<input type="checkbox"/>	<input type="checkbox"/>
Electrical, Communications and Cyber Systems	<input type="checkbox"/>	<input type="checkbox"/>
Other engineering (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Geosciences		
Atmospheric Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Earth Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Ocean Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Other geosciences (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Math and Physical Sciences		
Astronomical Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Chemistry	<input type="checkbox"/>	<input type="checkbox"/>
Materials Research	<input type="checkbox"/>	<input type="checkbox"/>
Mathematical Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Physics	<input type="checkbox"/>	<input type="checkbox"/>
Other math and physical sciences (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Social, Behavioral and Economic Sciences		
Behavioral and Cognitive Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Human and Social Dynamics	<input type="checkbox"/>	<input type="checkbox"/>
Science of Learning	<input type="checkbox"/>	<input type="checkbox"/>
Science Resource Statistics	<input type="checkbox"/>	<input type="checkbox"/>
Social and Economic Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Other social, behavioral and economic sciences (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>

(Continued from previous page)

Other		
Other (specify)	<input type="text"/>	<input type="checkbox"/>
		<input type="checkbox"/>

D7. Is this deliverable interdisciplinary (i.e., does it combine concepts across multiple STEM content areas)?

No
 Yes

If Yes, please describe the steps taken to make this deliverable interdisciplinary

Question Guide

- Intro Page
- Deliverable List
- Deliverable Type
- Website Info
- Audience Count
- Project Info
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Geographic Reach

D8. Which of the following best describes the anticipated geographic reach of the public audiences that will ultimately access or use this deliverable? (Check one.)

- Single community or metropolitan region**
Select even if the community or metropolitan region spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia).
- Multiple communities within a single state or U.S. territory**
Select if the deliverable will reach public audiences in two or more communities or metropolitan regions within a single state (e.g., a radio program that will be broadcast in Los Angeles and San Francisco).
- Multiple states and or U.S. territories**
Do not select if the deliverable will only reach a public audience in a single metropolitan area that spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia).

Specify in how many states and/or territories you anticipate reaching public audiences:

D9. Will any steps be taken to target this deliverable to international public audiences outside of the United States and U.S. territories?

- No
- Yes

If Yes, please describe the steps that will be taken to reach international public audiences with this deliverable:

- Question Guide
- Intro Page
- Deliverable List
- Deliverable Type
- Website Info
- Audience Count
- Project Info
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Target Group

D10. Which of the following best describes the public audience(s) that will be targeted by this deliverable?
(Check one.)

- For the purposes of this item, **target group** refers to (1) a specific age group (e.g., youth, age 5-10), (2) caregivers interacting with their children, and/or (3) public audiences traditionally underrepresented in STEM.

The general public only *(i.e., there will be **NO** effort to direct this deliverable toward a specific target group)*

The general public AND specific target groups *(i.e., the deliverable is intended for **BOTH** the general public **AND** one or more specific target groups)*

A specific target group only *(i.e., the deliverable is intended for a specific target group(s)—but **NOT** the general public)*

(Only projects that select “The general public AND specific target groups” or “A specific target group only” in D10 will answer D10a-b; others will skip to D10c)

Question Guide

- [Intro Page](#)
- [Deliverable List](#)
- [Deliverable Type](#)
- [Website Info](#)
- [Audience Count](#)
- [Project Info](#)
- [Geographic Reach](#)
- [Target Group](#)
- [Target Audience](#)
- [Target Group Data](#)
- [Impact List](#)

Target Audience

D10a. Which of the following age groups and/or public audiences underrepresented in STEM will be targeted by this deliverable? (Check all that apply.)

Age Groups

- Children, age 0-4
- Children, age 5-10
- Youth, age 11-14
- Youth, age 15-18
- Adults, age 19-54
- Seniors, age 55 and over

Public Audiences Traditionally Underrepresented in STEM

- English language learners
- Racial groups
- Ethnic groups
- Persons with disabilities
- Low income individuals/families
- Residents in an inner city
- Residents in a rural community
- Women/girls

Other

- Families (i.e., parents or other caregivers interacting with children)
- Other (specify)

D10b. Please describe the steps that will be taken to target this deliverable to the age groups and/or public audiences underrepresented in STEM specified above:

Question Guide

- [Intro Page](#)
- [Deliverable List](#)
- [Deliverable Type](#)
- [Website Info](#)
- [Audience Count](#)
- [Project Info](#)
- [Geographic Reach](#)
- [Target Group](#)
- [Target Audience](#)
- [Target Group Data](#)
- [Impact List](#)

Target Group Data

D10c. Will your project obtain a count for the number served by this deliverable for any of the following public audience characteristics over the course of your ISE grant? (Check all that apply.)

- Mark each characteristic for which you will be able to provide a count or subset of counts.
- Mark "No" if your project will not provide counts for any of the below categories.

- Gender
- Race/ethnicity
- Age
- Public audiences traditionally underrepresented in STEM
- Families
- No, my project will not provide counts for any of the above categories

Question Guide

- Intro Page
- Deliverable List
- Deliverable Type
- Website Info
- Audience Count
- Project Info
- Geographic Reach
- Target Group
- Target Audience
- Target Group Data
- Impact List

Impact List

D11. Please provide information about the anticipated impacts of this deliverable on your public audiences.

Use the table below to generate a list of impacts this deliverable is designed to achieve with your public audiences. Once you have created this list, you will answer a set of questions for each of these impacts.

STEP 1: Generate a list of impacts.

- To add an impact, enter the impact statement in the text box in the *Impact* column. Then, click the *Add* button in the right-hand column of the table.
- You will be able to add or delete impacts at a later date.
- For definitions and examples related to impacts, see the Impacts and Indicators PowerPoint in the [Help] link.

STEP 2: Provide information about each impact.

- After you add an impact, the impact statement becomes a link to a set of questions for that particular impact. Click on the impact statement in the *Impact* column to access and complete the questions for that impact.

Impact	Information Status	
test	Not Started	Delete
<input type="text"/>		Add

Save & Continue

(Project will complete D11a-D11c or D11a-D11d for each impact added in D11)

Question Guide

Intro Page

Deliverable List

Impact List

Impact Info

Data Collection

Impact Info

Impact Name: test

D11a. Please indicate the appropriate category for this particular impact.

- For impact category definitions and examples, please see the Impacts and Indicators PowerPoint in the [Help] link.

- Awareness, knowledge, or understanding of a STEM concept or topic
- Engagement or interest in a STEM concept or topic
- Attitude regarding a STEM concept or topic
- Behavior regarding a STEM concept or topic
- Skills regarding a STEM concept or topic
- Other (specify)

D11b. What indicators will you use to determine whether this impact was achieved?

- See the Impacts and Indicators PowerPoint in the [Help] link for additional details on project indicators.

1.
2.
3.
4.
5.

D11c. Which of the following evaluation designs will be used to assess whether this impact and the corresponding indicators have been attained? (Check all that apply.)

- If your evaluation design uses mixed methods, please check all designs that apply.

- Qualitative, no comparison group
- Quantitative, no comparison group
- Quasi-experimental
- Experimental
- Other (specify)
- None (impact will not be measured during the life of the grant award)

Save & Continue

(Projects that select any evaluation design other than “none” in D11c will continue to D11d)

Question Guide

- Intro Page
- Deliverable List
- Impact List
- Impact Info
- Data Collection

Data Collection

Impact Name: test

D11d. Which of the following data collection methods will be used to assess whether this impact and the corresponding indicators have been attained? (Check all that apply.)

- In responding to this item, please indicate whether the data collection activity will occur (1) **prior** to the ISE deliverable/activity, (2) **during/at the end of** the ISE deliverable/activity, and/or (3) at some point **after** the ISE deliverable/activity.

Data Collection Activity	When data will be collected		
	Prior to the ISE deliverable/activity	During/at the end of the ISE deliverable/activity	At some point after the ISE deliverable/activity
Administrative/participation data			
Museum attendance (e.g., for specific exhibits)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Program attendance (e.g., number participating in youth programs/professional development sessions)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of viewers (e.g., for a movie, radio program, or television show)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Website hits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
School records (e.g., grades, test scores, course enrollment)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other administrative/participation data (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Data collected via the web/email			
Questionnaire/survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formal assessment/test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Focus groups	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Web logs by study subjects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other data collected via the web/email (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Data collected via telephone			
Questionnaire/survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formal assessment/test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Focus groups	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interviews	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other data collected via telephone (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Data collected <u>AT</u> informal science education venues/programs			
Questionnaire/survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formal assessment/test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Focus groups	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interviews (e.g., exit interviews)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tracking and timing studies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Direct observations of visitors'/participants'/ educators' conversations and/or behavior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recording visitors'/participants'/educators' conversations and/or behavior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diaries/journals/records maintained by study subjects <i>while at the informal science education venue/program</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Problem-solving tasks/sorting tasks/drawing tasks/concept maps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Learner artifacts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Think-aloud techniques/protocols	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other data collected <u>AT</u> informal science education venues/programs (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Data collected <u>OUTSIDE</u> of informal science education venues/other educational settings (e.g., in a participant's home)			
Questionnaire/survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formal assessment/test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Focus groups	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interviews	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Direct observations of study subjects' conversations/behavior <i>outside of the informal science venue/program</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diaries/journals/records maintained by study subjects <i>outside of the informal science education venue/program</i>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other data collected <u>OUTSIDE</u> of informal science venues/other educational settings (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other			
Other (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Section E: Products, Programs, or Experiences for Professional Audiences

Products, Programs, or Experiences for Professional Audiences

This section collects information about each professional audience deliverable that your project is designed to produce. Professional audience deliverables target professionals or institutions for enhancement of informal learning knowledge, infrastructure, or systems. If your project has deliverables that target professional audiences, select "Yes" to E1 to enter the professional audience deliverables section. If your project does *not* have any professional audience deliverables, select "No" and proceed to **Section D: Deliverables for Public Audiences**.

NOTE: Before selecting an answer for E1, please note that this section *does not* collect information about products, programs, or experiences that target public audiences. Deliverables for public audiences should *only* be added in **Section D: Deliverables for Public Audiences**.

E1. **Does your project have any deliverables for professional audiences?**

- Yes
 No

Save & Continue

(Only projects that select "Yes" to E1 will continue to the Deliverable list screen)

Question Guide

Intro Page

Deliverable List

Deliverable List

Use the table below to generate a list of your professional audience deliverables. Once you have created this list, you will answer a series of questions for each deliverable you entered.

STEP 1: Generate a list of your project deliverables for professional audiences.

- To add a deliverable, enter the deliverable name in the text box in the *Deliverable Name* column. Then, click the *Add* button in the right-hand column of the table.
- Your project will likely have multiple deliverables (e.g., a training workshop and a website). [Click here](#) to review the OPMS list of professional audience deliverable types. If your deliverable type is not included on this list, you can enter it in an "Other" category when you provide information about the deliverable type.

STEP 2: Click each deliverable name listed below to provide information.

- After you add a deliverable, the deliverable name becomes a link to a series of questions for that particular deliverable. Click on each deliverable name in the *Deliverable Name* column to access and complete the questions for that deliverable.

Deliverable Name	Information Status	
test	Incomplete	Delete
<input type="text"/>		Add

If you have completed adding and updating the professional audience deliverables, please click the *Submit* button.

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Submit

Question Guide

Intro Page

Deliverable List

Deliverable Type

Project Info

Geographic Reach

Target Audience

Impact
Organization

Impact List

Deliverable TypeE2. Please indicate the category that best describes this product, program, or experience. (Select one.)**Audio and Video**

Video segment/clip/program/series (e.g., training videos, webinars)	<input checked="" type="radio"/>
Audio segment/clip/program/series	<input type="radio"/>
Other audio or video (specify) <input type="text"/>	<input type="radio"/>

Resource Materials and Information Sharing

Blog/newsletter	<input type="radio"/>
Discussion group/forum/information sharing network	<input type="radio"/>
Curriculum	<input type="radio"/>
Training workshop	<input type="radio"/>
Presentation (e.g., lecture at a conference for formal educators)	<input type="radio"/>
Research paper, issue brief, or publication (e.g., an article in a peer-reviewed journal)	<input type="radio"/>
Informational guide (e.g., teacher guides for museum exhibit)	<input type="radio"/>
Demonstration/activity kit/guide (with supplies and/or instructions to perform experiments or activities)	<input type="radio"/>
Other resource materials (specify) <input type="text"/>	<input type="radio"/>

Infrastructure Development or Enhancement for Facilitated Communication

Evaluation tools	<input type="radio"/>
Website for professional audiences (e.g., wiki website)	<input type="radio"/>
Database (e.g., creating a new database or developing the capacity to contribute to an existing database)	<input type="radio"/>
Other infrastructure (specify) <input type="text"/>	<input type="radio"/>

Games and Information and Communication Technologies

Game (e.g., mobile online games, massively multiplayer online games, console games, board games)	<input type="radio"/>
Simulation (e.g., a virtual museum exhibit, a simulation of a scientific phenomenon)	<input type="radio"/>
Application for mobile/wireless device (e.g., GPS or iPhone/iPad application)	<input type="radio"/>
Other information and communication technology (specify) <input type="text"/>	<input type="radio"/>

Project Website

Project Website	<input type="radio"/>
-----------------	-----------------------

Other

Other (specify) <input type="text"/>	<input type="radio"/>
--------------------------------------	-----------------------

Save & Continue

Question Guide

- Intro Page
- Deliverable List
- Deliverable Type
- Project Info
- Geographic Reach
- Target Audience
- Impact Organization
- Impact List

Project Info

E3. Please provide a brief description (i.e., 2-3 sentences) of this deliverable.

- Include information about any specific professional audiences that will be targeted by this deliverable—as well as any unique or innovative features of the deliverable that are worth noting.

asdf

E4. Please indicate whether this deliverable is a primary or secondary focus of your overall ISE project.

- Primary focus (i.e., at least 25 percent of your overall ISE project effort in terms of budget and/or staff time)
- Secondary focus (i.e., less than 25 percent of your overall ISE project effort in terms of budget and/or staff time)

E5. Which of the following are the primary and secondary STEM content foci of this deliverable?

- This item focuses exclusively on the STEM content that is being conveyed by this deliverable (e.g., what the project is looking to educate professional audiences about).
- Check up to two primary STEM content foci for this deliverable. Check all remaining secondary STEM content foci that apply for this deliverable.

NSF Division STEM Content Area	Primary	Secondary
Biological Sciences		
Environmental Biology	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Integrative Organismal Systems	<input type="checkbox"/>	<input type="checkbox"/>
Molecular and Cellular Biosciences	<input type="checkbox"/>	<input type="checkbox"/>
Other biological sciences (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Computer and Informational Sciences		
Computer and Network Systems	<input type="checkbox"/>	<input type="checkbox"/>
Intelligent Systems and Robotics	<input type="checkbox"/>	<input type="checkbox"/>
Other computer and informational sciences (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engineering		
Chemical, Bioengineering, Environmental, Transport Systems	<input type="checkbox"/>	<input type="checkbox"/>
Civil, Mechanical and Manufacturing Innovation	<input type="checkbox"/>	<input type="checkbox"/>
Electrical, Communications and Cyber Systems	<input type="checkbox"/>	<input type="checkbox"/>
Other engineering (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Geosciences		
Atmospheric Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Earth Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Ocean Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Other geosciences (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Math and Physical Sciences		
Astronomical Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Chemistry	<input type="checkbox"/>	<input type="checkbox"/>
Materials Research	<input type="checkbox"/>	<input type="checkbox"/>
Mathematical Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Physics	<input type="checkbox"/>	<input type="checkbox"/>
Other math and physical sciences (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>
Social, Behavioral and Economic Sciences		
Behavioral and Cognitive Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Human and Social Dynamics	<input type="checkbox"/>	<input type="checkbox"/>
Science of Learning	<input type="checkbox"/>	<input type="checkbox"/>
Science Resource Statistics	<input type="checkbox"/>	<input type="checkbox"/>
Social and Economic Sciences	<input type="checkbox"/>	<input type="checkbox"/>
Other social, behavioral and economic sciences (specify) <input style="width: 150px;" type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>

(Continued from previous page)

Other		
Other (specify)	<input type="text"/>	<input type="checkbox"/>
E6. Is this deliverable interdisciplinary (i.e., does it combine concepts across multiple STEM content areas)?		
<input checked="" type="radio"/> No		
<input type="radio"/> Yes		
If Yes, please describe the steps taken to make this deliverable interdisciplinary:		
<input type="text"/>		
<input type="button" value="Save & Continue"/>		

Question Guide

Intro Page

Deliverable List

Deliverable Type

Project Info

Geographic Reach

Target Audience

Impact Organization

Impact List

Geographic Reach

E7. Which of the following best describes the *anticipated* geographic reach of the **professional** audiences that will ultimately access or use **this** deliverable? (Check one.)

- Single community or metropolitan region**
Select "single community or metropolitan region" even if the community or metropolitan region spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia).
- Multiple communities within a single state or U.S. territory**
Select if the deliverable will reach professional audiences in two or more communities or metropolitan regions within a single state (e.g., a radio program that will be broadcast in Los Angeles and San Francisco).
- Multiple states and or U.S. territories**
Do not select if the deliverable will only reach a professional audience in a single metropolitan area that spans multiple states (e.g., the Washington, D.C., metropolitan area—which includes the District of Columbia, Maryland, and Virginia).

Specify in how many states and/or territories you anticipate reaching professional audiences:

E8. Will any steps be taken to target **this** deliverable to international professional audiences outside of the United States and U.S. territories?

- No
- Yes

If Yes, please describe the steps that will be taken to reach international professional audiences with **this** deliverable:

Save & Continue

Question Guide

- Intro Page
- Deliverable List
- Deliverable Type
- Project Info
- Geographic Reach
- Target Audience
- Impact Organization
- Impact List

Target Audience

E9. Please select all professional audience(s) in the table below that are targeted by this deliverable. (Check all that apply.)

For each professional audience that you select, please provide your best estimate of the number of professionals that will ultimately be reached by *this* deliverable over the course of your ISE award period.

If possible, provide an **unduplicated count** of individuals who will be reached. *If you are only providing an unduplicated count, please leave the duplicated count field blank.*

[Click here for the ISE definition of unduplicated counts.](#)

In cases where it is not possible to provide an unduplicated count, provide a **duplicated count** of individuals who will be reached. *If you are only providing a duplicated count, please leave the unduplicated count field blank.*

[Click here for the ISE definition of duplicated counts.](#)

You only need to provide an unduplicated count or a duplicated count, not both. However, you should provide both if your project collects both unduplicated and duplicated participation data.

	Professional Audiences	Number of anticipated participants over the course of the ISE award period		
		Unduplicated Count	Duplicated Count	Unable to determine at this time
<input checked="" type="checkbox"/>	Pre-K - 12 teachers	<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	Post-secondary instructors	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/>	Informal educators	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/>	Staff at after-school and youth programs	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/>	Staff at community programs	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/>	Exhibit designers	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/>	Media producers and/or disseminators	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/>	Science writers/journalists	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/>	Scientists, engineers, and/or mathematicians	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/>	Board members	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/>	Directors, presidents, and/or CEOs	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/>	Funders	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/>	Policymakers	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/>	Researchers/evaluators	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>
<input type="checkbox"/>	Other (specify) <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>

Question Guide

- Intro Page
- Deliverable List
- Deliverable Type
- Project Info
- Geographic Reach
- Target Audience
- Impact Organization
- Impact List

Impact Organization

E10. Where will the information gained or disseminated from this deliverable ultimately have the greatest impact? (Check all that apply.)

Informal Learning Institution/Organization	
Arboretum or botanical garden	<input type="checkbox"/>
Children's museum	<input type="checkbox"/>
History or art museum	<input type="checkbox"/>
Natural history museum	<input type="checkbox"/>
Science-technology center or museum	<input type="checkbox"/>
Nature or interpretive center	<input type="checkbox"/>
Planetarium or full-dome theater	<input type="checkbox"/>
Zoo or a combined zoo/aquarium	<input type="checkbox"/>
Aquarium only	<input type="checkbox"/>
Library	<input type="checkbox"/>
Theater or theater organization	<input type="checkbox"/>
Community organization	<input type="checkbox"/>
Youth organization/after-school organization	<input type="checkbox"/>
Other informal learning institution/organization (specify) <input style="width: 200px;" type="text"/>	<input type="checkbox"/>
Media Design and Production	
Exhibit design/fabrication firm/entity	<input type="checkbox"/>
Planetarium show production firm/entity	<input type="checkbox"/>
Independent film or media production firm/entity	<input type="checkbox"/>
Print media production firm/entity	<input type="checkbox"/>
Radio station or organization	<input type="checkbox"/>
Television station or organization	<input type="checkbox"/>
Website design firm/entity	<input type="checkbox"/>
Software design firm/entity	<input type="checkbox"/>
Digital/interactive media design and production firm/entity	<input type="checkbox"/>
Other media design/production (specify) <input style="width: 200px;" type="text"/>	<input type="checkbox"/>
Educational Institution	
Pre-K-12 district/school (including charter schools and private schools)	<input type="checkbox"/>
2-year college or community college	<input type="checkbox"/>
4-year college or university	<input type="checkbox"/>
Other educational institution (specify) <input style="width: 200px;" type="text"/>	<input type="checkbox"/>
Educational Support Services	
Educational or STEM materials development firm/entity	<input type="checkbox"/>
Educational or STEM research firm/entity	<input type="checkbox"/>
Other educational support services (specify) <input style="width: 200px;" type="text"/>	<input type="checkbox"/>
Other	
Public or government agency	<input checked="" type="checkbox"/>
Evaluation or research firm/entity	<input type="checkbox"/>
National or regional association or professional organization	<input type="checkbox"/>
Other (specify) <input style="width: 200px;" type="text" value="testing organizational partner #0123456789"/>	<input checked="" type="checkbox"/>

Save & Continue

Question Guide

- Intro Page
- Deliverable List
- Deliverable Type
- Project Info
- Geographic Reach
- Target Audience
- Impact Organization
- Impact List

Impact List

E11. Please provide information about the anticipated impacts of this deliverable on your professional audiences.

Use the table below to generate a list of impacts this deliverable is designed to achieve with your professional audiences. Once you have created this list, you will answer a set of questions for each of these impacts.

STEP 1: Generate a list of impacts.

- To add an impact, enter the impact name in the text box in the *Impact* column. Then, click the *Add* button in the right-hand column of the table.
- You will be able to add or delete impacts at a later date.
- For definitions and examples related to impacts, please see the Impacts and Indicators PowerPoint in the [Help] link.

STEP 2: Provide information about each impact.

- After you add an impact, the impact name becomes a link to a set of questions for that particular impact. Click on the impact name in the *Impact* column to access and complete the questions for that impact.

Impact	Information Status	
test	Complete	Delete
<input type="text"/>		Add

Save & Continue

(Projects will complete E11a-E11c or E11a-E11d for each impact added in E11)

Question Guide

Intro Page

Deliverable List

Impact List

Impact Info

Data Collection

Impact Info

Impact Name: test

E11a. Please indicate the appropriate category for this particular impact. (Check one.)

- For impact category definitions and examples, please see the Impacts and Indicators PowerPoint in the [Help] link.

- Awareness, knowledge, or understanding of a STEM concept or topic
- Engagement or interest in a STEM concept or topic
- Attitude regarding a STEM concept or topic
- Behavior regarding a STEM concept or topic
- Skills regarding a STEM concept or topic
- Other (specify)

E11b. What indicators will you use to determine whether this impact was achieved?

- See the Impacts and Indicators PowerPoint in the [Help] link for additional details on project indicators.

1.
2.
3.
4.
5.

E11c. Which of the following evaluation designs will be used to assess whether this impact and the corresponding indicators have been attained? (Check all that apply.)

- If your evaluation design uses mixed methods, please check all designs that apply.

- Qualitative, no comparison group
- Quantitative, no comparison group
- Quasi-experimental
- Experimental
- Other (specify)
- None (impact will not be measured during the life of the grant award)

Save & Continue

(Projects that select any evaluation design other than “none” in E11c will continue to E11d)

Question Guide

- Intro Page
- Deliverable List
- Impact List
- Impact Info
- Data Collection

Data Collection

Impact Name: test

E11d. Which of the following data collection methods will be used to assess whether this impact and the corresponding indicators have been attained? (Check all that apply.)

- In responding to this item, please indicate whether the data collection activity will occur (1) **prior** to the ISE deliverable/activity, (2) **during/at the end of** the ISE deliverable/activity, and/or (3) at some point **after** the ISE deliverable/activity.

Data Collection Activity	When data will be collected		
	Prior to the ISE deliverable/activity	During/at the end of the ISE deliverable/activity	At some point after the ISE deliverable/activity
Administrative/participation data			
Museum attendance (e.g., for specific exhibits)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Program attendance (e.g., number participating in youth programs/professional development sessions)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Number of viewers (e.g., for a movie, radio program, or television show)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Website hits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
School records (e.g., grades, test scores, course enrollment)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other administrative/participation data (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>			
Data collected via the web/email			
Questionnaire/survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formal assessment/test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Focus groups	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Web logs by study subjects	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other data collected via the web/email (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>			
Data collected via telephone			
Questionnaire/survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formal assessment/test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Focus groups	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interviews	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other data collected via telephone (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>			
Data collected <u>AT</u> informal science education venues/programs			
Questionnaire/survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formal assessment/test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Focus groups	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interviews (e.g., exit interviews)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tracking and timing studies	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Direct observations of visitors'/participants'/ educators' conversations and/or behavior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Recording visitors'/participants'/educators' conversations and/or behavior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diaries/journals/records maintained by study subjects while at the informal science education venue/program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Problem-solving tasks/sorting tasks/drawing tasks/concept maps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Learner artifacts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Think-aloud techniques/protocols	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other data collected <u>AT</u> informal science education venues/programs (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>			
Data collected <u>OUTSIDE</u> of informal science education venues/other educational settings (e.g., in a participant's home)			
Questionnaire/survey	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Formal assessment/test	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Focus groups	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Interviews	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Direct observations of study subjects' conversations/behavior outside of the informal science venue/program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diaries/journals/records maintained by study subjects outside of the informal science education venue/program	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other data collected <u>OUTSIDE</u> of informal science venues/other educational settings (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>			
Other			
Other (specify)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="text"/>			

Section F: Formative and Summative Evaluation Questions

Question Guide

Formative Eval

Formative Info

Summative Eval

Summative Info

Formative Eval

F1. Please enter the following contact information for the lead organization or individual conducting your *formative* evaluation.

- If your project does not have a formative evaluation, check the box at the bottom of the screen.

Organization name:

Primary point of contact:

Telephone number for the primary point of contact: (###-###-####)

Email address for the primary point of contact:

This project has no formative evaluation.

(Projects that check box for “no formative evaluation” will skip F2)

Question Guide

Formative Eval

Formative Info

Summative Eval

Summative Info

Formative Info

F2. Please provide information about each of your formative evaluation questions.

Use the following steps to add each of your formative evaluation questions and their evaluation designs to the table below.

STEP 1: Enter a formative evaluation question.

- Type a formative evaluation question in the text box in the *Formative Evaluation Question* column.

STEP 2: Select evaluation designs for your evaluation question.

- Check all evaluation designs that will be used to answer the evaluation question. If your evaluation design uses mixed methods, please check all designs that apply.
- If you will be using an evaluation design that is not listed in the table, specify the evaluation design type in the text box in the *Other* column.
- Click the *Add* button in the right-hand column to add the completed evaluation question and designs to the table.

Formative Evaluation Question	Evaluation Design (check all that apply)					
	Qualitative, no comparison group	Quantitative, no comparison group	Quasi-experimental	Experimental	Other (specify)	
Sample evaluation question	X	X			test	<input type="button" value="Delete"/>
<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="button" value="Add"/>

Question Guide

Formative Eval

Formative Info

Summative Eval

Summative Info

Summative Eval

F3. Please enter the following contact information for the lead organization or individual conducting your summative evaluation.

- If your project does not have a summative evaluation, check the box at the bottom of the screen.

Organization name: Evaluation inc

Primary point of contact: Jane Doe

Telephone number for the primary point of contact: (###-###-####) 111-222-3333

Email address for the primary point of contact: JaneDoe@EI.com

This project has no summative evaluation.

Save & Continue

(Projects that check box for “no summative evaluation” will skip F4)

Question Guide

Formative Eval

Formative Info

Summative Eval

Summative Info

Summative Info

F4. Please provide information about each of your summative evaluation questions.

Use the following steps to add each of your summative evaluation questions and their evaluation designs to the table below.

STEP 1: Enter a summative evaluation question.

- Type a summative evaluation question in the text box in the *Summative Evaluation Question* column.

STEP 2: Select evaluation designs for your evaluation question.

- Check all evaluation designs that will be used to answer the evaluation question. If your evaluation design uses mixed methods, please check all designs that apply.
- If you will be using an evaluation design that is not listed in the table, specify the evaluation design type in the text box in the *Other* column.
- Click the *Add* button in the right-hand column to add the completed evaluation question and designs to the table.

Summative Evaluation Question	Evaluation Design (check all that apply)					Other (specify)	Add
	Qualitative, no comparison group	Quantitative, no comparison group	Quasi- experimental	Experimental			
<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>	<input type="button" value="Add"/>	

Save and Continue