



## Education and Outreach (E&O) Activities of EarthScope Awards

### Survey purpose and participation agreement

The purpose of this survey is to help the EarthScope Education and Outreach Subcommittee gauge the impact of EarthScope Education and Outreach efforts across NSF-funded EarthScope projects. As Principal Investigator or Co-Principal Investigator of an EarthScope project, we request you take a few minutes to complete this survey.

Before you complete the survey, please give your consent to participate. Participation in this survey is voluntary, and you are free to stop at any point. There are no foreseeable risks associated with participating in this survey. Results from this survey will be aggregated and reported anonymously.

The committee thanks you in advance for your participation!  
Sincerely,  
Carla McAuliffe  
Chair of the EarthScope Education and Outreach Subcommittee

\* 1. I agree to participate in this study.

Yes

No



**Education and Outreach (E&O) Activities of EarthScope Awards**

**Basic project information**

\* 2. Your name

\* 3. Name of any co-PI's

\* 4. Title of EarthScope grant

\* 5. Best email to contact you

\* 6. Briefly summarize the main research focus of the grant.

\* 7. Briefly describe your education and outreach plan for the grant.



## Education and Outreach (E&O) Activities of EarthScope Awards

### The impact and scope of your education and outreach efforts

8. Who did you reach with your E&O efforts? Estimate the numbers that you *directly* worked with in the categories below. You may have worked with them in workshops, conferences or courses (whether virtual or in-person). Please enter only numbers.

Undergraduate students	<input type="text"/>
Graduate students	<input type="text"/>
Post docs	<input type="text"/>
K-12 teachers	<input type="text"/>
K-12 students	<input type="text"/>
Informal educators (e.g. museums, parks, nonprofits)	<input type="text"/>
General public	<input type="text"/>

9. Estimate the number of people that you *indirectly* reached in the categories below. For example, if you worked with 20 high school teachers that each teach 150 students, then you indirectly reached (20 X 150) or 3000 high school students. Please enter only numbers.

Undergraduate students	<input type="text"/>
Graduate students	<input type="text"/>
Post docs	<input type="text"/>
K-12 teachers	<input type="text"/>
K-12 students	<input type="text"/>
Informal educators (e.g. museums, parks, nonprofits)	<input type="text"/>
General public	<input type="text"/>

10. It may be difficult to estimate this indirect outreach component, so please explain how you estimate these numbers.

11. Estimate the percentage of your outreach efforts that used each of the following E&O methods. Please enter only numbers. The total should sum to 100.

Face-to-face workshops, conferences, and courses

Online workshops, webinars, conferences, and courses

Posting data, products, and results via the Internet (e.g. websites, email, listservs, youtube channels, facebook, twitter, and other social media)

Dissemination through newsletters, bookmarks, or other print mechanisms

Other

12. If you indicated another method in Question 11 above, please describe.

13. Did you produce any instructional materials as a result of your E&O efforts?

Yes

No

14. If yes, briefly describe what you produced (e.g. online module, websites, classroom lessons) and share a URL (if it exists) to where others might find your materials.

15. Did you use EarthScope data (PBO, T.A. or SAFOD) in your E&O efforts?

Yes

No

16. Did you work with any of the EarthScope E&O staff at any of the PBO / TA facilities in your E&O efforts?

Yes

No

17. Did you work with any of the EarthScope E&O staff at the EarthScope National Office during your E&O efforts?

Yes

No



**Education and Outreach (E&O) Activities of EarthScope Awards**

**The successes and challenges of your E&O outreach efforts**

18. Did you reach your target audience with your E&O efforts and in the numbers that you wanted to reach them?

- Yes
- No

19. If no, what obstacles did you face?

20. Did you have an evaluation component to any of your E&O activities?

- Yes
- No

21. Did you use an external evaluator (outside the project) or an internal evaluator (within the project) to assess any of your E&O activities?

- Yes
- No
- Does not apply (did not have an evaluation component)

22. Please explain your overall sense of how effective your E&O efforts were. For example, did your E&O efforts result in any positive impacts on your target audience (e.g. changes in teaching strategies, greater interest in outreach, increased enthusiasm for geoscience topics)?

23. In terms of challenges you faced, are there aspects of your education and outreach efforts that you might do differently in the future?

24. Would you be willing to be contacted with follow-up questions?

Yes

No

25. Are you potentially interested in participating in an EarthScope synthesis workshop devoted to education and outreach efforts?

Yes

No

26. Are you potentially willing to share an E&O classroom lesson or activity with graduate students, informal educators, or K-12 educators via a webinar in 2018?

Yes

No

27. Please share anything else about your education and outreach efforts that you would like the subcommittee to know.