

**NASA DEVELOP Program**  
**2018 Participant Satisfaction Questionnaire**  
FINAL – 8/27/18 AM

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**Introduction**

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NASA is seeking feedback from participants on your experience with the DEVELOP Program. DEVELOP is a training and development program for individuals to gain experience applying Earth observations through 10-week interdisciplinary projects with state and local governments, nonprofits, and other organizations. More information on DEVELOP can be found at <https://develop.larc.nasa.gov>.

All submitted information is collected and processed by CFI Group, an independent research and consulting firm. When you complete the survey, your responses will be sent directly to a database located on a CFI Group server, which cannot be accessed through any NASA online system.

Your answers are voluntary, but your opinions are very important. Your responses will remain anonymous and will only be reported in aggregate. This survey is authorized by Office of Management and Budget Control No. 1090-0007, which expires on August 31, 2018.

**Questions or problems with the survey? Email [SurveyHelp@cfgroup.com](mailto:SurveyHelp@cfgroup.com).**

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**Background**

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Q1. Which of these categories best describes you when you last participated in the DEVELOP Program?

1. Enrolled in school
2. A recent graduate (within the last 2 years)
3. Early in my career (2-10 years)
4. Later in my career (11 or more years)

Q2. Which one of these categories best describes you now?

1. Enrolled in school
2. A recent graduate (within the last 2 years)
3. Early in my career (2-10 years)
4. Later in my career (11 or more years)

Q3. In what year did you last participate in the DEVELOP Program?

1. 2012 or before
2. 2013
3. 2014
4. 2015
5. 2016
6. 2017
7. 2018

Q4. How many terms did you complete with DEVELOP?

1. 1
2. 2
3. 3
4. 4
5. 5 or more

Q5. Which of the following role(s) did you have at DEVELOP? Please select all that apply.

1. Team Member
2. Team Lead
3. Center Lead
4. Fellow/Young Professional
5. Senior Fellow/Associate
6. National Program Office Staff

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### **Application Process**

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Q6. Which type of application did you submit? Select all that apply.

1. Paper application form
2. Online application form
3. Volunteer paper application form

Q7. Thinking about the Application Process on a scale of 1 to 10, where 1 means "Poor" and 10 means "Excellent," please rate each of the following: (include an option on the scale for Not Applicable)

1. Clarity of the Application Guidelines
2. Assistance from the National Program Office in explaining what is required for completing the application
3. Time required to complete application
4. Ease of completing the application process
5. Access to the online application

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### **DEVELOP Information**

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Q8. Please think about the orientation materials that explained the DEVELOP Program and on a scale of 1 to 10, where 1 means "Poor" and 10 means "Excellent," please rate each of the following:

1. Usefulness of the materials
2. Clarity of content/information
3. Quality of content/information

Q9. When you participated at DEVELOP, did you use DEVELOPedia?

1. Yes
2. No
3. DEVELOPedia was not available when I participated

(IF Q9=1, ASK Q9a)

Q9a. If you used DEVELOPedia when you participated at DEVELOP, on a scale of 1 to 10, where 1 means "Poor" and 10 means "Excellent," please rate each of the following:

1. Usefulness of the materials
2. Clarity of content/information
3. Quality of content/information

Q10. When you participated at DEVELOP, did you use the DEVELOP Program's website?

1. Yes

2. No
3. Website was not available when I participated

(If Q10 = 1, ASK Q10a)

Q10a. Thinking about the DEVELOP Program's website, on a scale of 1 to 10, where 1 means "Poor" and 10 means "Excellent," please rate each of the following:

1. Ease of navigating
2. Clarity of content/information
3. Usefulness of the content/information
4. Appearance
5. Ability to find the content you are looking for
6. Timeliness of content
7. Speed

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### **DEVELOP Advising and Management**

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Q11. Thinking about the Science Advisors with the DEVELOP Program and using a scale 1 to 10, where 1 means "Poor" and 10 means "Excellent," please rate the advisors on each of the following:

1. Professionalism
2. Knowledge
3. Guidance provided
4. Availability
5. Training provided

Q12. Thinking of your DEVELOP Center Leads on a scale of 1 to 10, where 1 means "Poor" and 10 means "Excellent," please rate each of the following:

1. Professionalism
2. Knowledge
3. Guidance provided
4. Availability
5. Training provided

Q13. Thinking of the DEVELOP National Program Office personnel on a scale of 1 to 10, where 1 means "Poor" and 10 means "Excellent," please rate each of the following:

1. Professionalism
2. Knowledge
3. Guidance provided
4. Availability
5. Communication

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### **Professional Capacity Development Satisfaction**

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Q14. Please rate your satisfaction with the progress you made in developing the following professional skills using a scale of 1 to 10, where 1 means "Very dissatisfied" and 10 means "Very satisfied."

1. Oral communication
2. Written communication
3. Presentation skills
4. Team building
5. Time management
6. People management

7. Project management
8. Leadership

Q15. How useful do you feel the personality typing was in helping you learn about working with others effectively?

1. Very useful
2. Somewhat useful
3. Not useful

Q16. On a scale of 1 to 10, where 1 means "Very dissatisfied" and 10 means "Very satisfied," please rate your satisfaction working with your project partner organization(s).

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### Technical Capacity Development

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Q17. On a scale of 1 to 10, where 1 means "Not aware" and 10 means "Very aware," please rate your awareness of the NASA Earth observations **before** participating with DEVELOP.

Q18. On a scale of 1 to 10, where 1 means "Not aware" and 10 means "Very aware," please rate your awareness of the NASA Earth observations **after** participating with DEVELOP.

Q19. Using a scale from 1 to 10 where 1 means "Very dissatisfied" and 10 means "Very satisfied," please rate your satisfaction with the progress you made in learning to use NASA Earth observations.

Q20. Did you use NASA Earth science data **before** participating with DEVELOP?

1. Yes
2. No

Q21. Did you use NASA Earth science data **after** participating with DEVELOP?

1. Yes
2. No

Q22. Using a scale from 1 to 10, where 1 means "Very dissatisfied" and 10 means "Very satisfied," please rate your satisfaction with the progress you made developing the following technical skills. Rate N/A if your project(s) did not require a specific skill listed below:

1. Python programming
2. R programming
3. GIS analysis
4. Geospatial image processing
5. Data analysis and charting (using spreadsheets, like Excel)
6. Statistical analysis
7. Version control
8. Google Earth Engine
9. Time series analysis
10. Video editing
11. Project management
12. Other data sets (please note)\_\_\_\_\_

Q23. Do you use geospatial analysis in your academic studies or job following your DEVELOP participation?

1. Yes

2. No

Q24. Do you use NASA Earth observations in your academic studies or job following your DEVELOP participation?

1. Yes
2. No

Q25. On a scale of 1 to 10, where 1 means "Very dissatisfied" and 10 means "Very satisfied," please rate your satisfaction with your project(s) end products.

Q26. Please provide any comments on your experience with the DEVELOP project and any lessons learned regarding how to apply Earth observations to your decision making. (Suggest a 2,500 character limit, including spaces, in the response field.)

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### Additional Questions

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Q27. Did your participation in the DEVELOP Program advance your career goals?

1. Yes
2. No

Q28. After your participation in the DEVELOP Program, did you continue in an Earth Sciences or related STEM field?

1. Yes
2. No

(If Q28 = 2, ASK Q28a)

Q28a. You indicated that you did not continue in an Earth Sciences or related field; please choose from the list below that most closely matches your situation:

1. I changed career interests.
2. I was not an Earth science or related major when I participated.
3. I was an Earth science or related field major, but was never employed in this discipline.

Q29. What is your current occupation? (Occupations listed below are based on the Department of Labor Occupation Groups. If you are unsure of your occupation classification, please visit [https://www.bls.gov/oes/current/oes\\_stru.htm](https://www.bls.gov/oes/current/oes_stru.htm)).

1. Management
2. Business and Financial Operations
3. Computer and Mathematical Science
4. Architects, Surveyors, and Cartographers
5. Engineers
6. Drafters, Engineering Technicians, and Mapping Technicians
7. Life Sciences
8. Physical Sciences
9. Social Sciences
10. Life, Physical, and Social Science Technician
11. Community and Social Services
12. Legal
13. Education, Training, and Library
14. Arts, Design, Entertainment, Sports, and Media
15. Healthcare Practitioners
16. Healthcare Support

17. Protective Services
18. Food Preparation and Serving Related Occupations
19. Building and Grounds Cleaning and Maintenance
20. Personal Care and Services
21. Sales
22. Office and Administrative Support
23. Farming, Fishing, and Forestry
24. Construction and Extraction
25. Installation, Maintenance, and Repair
26. Production
27. Transportation and Material Moving
28. Other: \_\_\_\_\_

Q30. What sector is your occupation in?

1. Federal/Central Government
2. State/Provincial Government
3. Local Government
4. Industry
5. Academia
6. Non-Governmental Organization (NGO)/Not-for-Profit
7. Other: \_\_\_\_\_

Q31. Using a scale from 1 to 10, where 1 means "Very dissatisfied" and 10 means "Very satisfied," how satisfied are you that participation in the DEVELOP Program:

1. Expanded your professional network
2. Increased your career opportunities
3. Enhanced the knowledge/skills you use in your current work

Q32. At which location did you participate in DEVELOP? Check all that apply.

- Ames Research Center, Moffett Field, CA \_\_\_\_\_
- Arizona State University, Tempe, AZ \_\_\_\_\_
- Boston University, Boston, MA \_\_\_\_\_
- Colorado State University, Fort Collins, CO \_\_\_\_\_
- Goddard Space Flight Center, Greenbelt, MD \_\_\_\_\_
- ICIMOD, Kathmandu, NEP \_\_\_\_\_
- Idaho State University, Pocatello, ID \_\_\_\_\_
- International Research Institute, Palisades, NY \_\_\_\_\_
- Jet Propulsion Laboratory, Pasadena, CA \_\_\_\_\_
- Langley Research Center, Hampton, VA \_\_\_\_\_
- Marshall Space Flight Center, Huntsville, AL \_\_\_\_\_
- Mexico, Monterrey, MEX \_\_\_\_\_
- Mobile County Health Department, Mobile County, AL \_\_\_\_\_
- National Centers for Environmental Information, Asheville, NC \_\_\_\_\_
- Patrick Henry Building, Richmond, VA \_\_\_\_\_
- St. Louis University, St. Louis, MO \_\_\_\_\_
- Stennis Space Center, Stennis MS \_\_\_\_\_
- University of Georgia, Athens, GA \_\_\_\_\_
- Wise County, Wise, VA \_\_\_\_\_
- Other (Please note) \_\_\_\_\_

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**ACSI (American Customer Satisfaction Index)**

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Q33. Using a 10-point scale on which 1 means "Very dissatisfied" and 10 means "Very satisfied," how satisfied are you with the DEVELOP Program?

Q34. Using a 10-point scale on which 1 means "Did not meet expectations" and 10 means "Exceeds expectations," to what extent has the DEVELOP Program met your expectations?

Q35. Imagine an ideal Earth science project experience. How close does the DEVELOP Program come to that ideal you just imagined? Please use a 10-point scale, on which 1 means "Not at all close to the ideal" and 10 means "Very close to the ideal."

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**CLOSING**

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Q36. Thinking back on your experience with the NASA DEVELOP Program, what, if anything, could have enhanced your experience? Please select all that apply.

1. Improved DEVELOP Program resources (e.g., computers, software, office space, etc.)
2. Easier application process
3. Improved program leadership/mentorship
4. Improved training programs
5. Improved science advising

Q37. Using a 10-point scale, where 1 means "Not at all likely" and 10 means "Very likely," how likely are you to recommend the DEVELOP Program to a friend or colleague?

Q38. Please provide any additional comments you may have regarding your experience with the NASA DEVELOP Program. (Suggest 2,500 character limit, including spaces, in the response field)

NASA appreciates your input and will use this feedback to better serve its participants.