

UNAVCO Community draft 1

Introduction

The Science and Technology Policy Institute (STPI) has been asked by the National Science Foundation (NSF) to solicit feedback on the products and services provided by UNAVCO - the non-profit, university-governed consortium (www.unavco.org). Under a 2013 award from NSF, UNVACO operates the National Earth Science Geodetic Facility (GAGE) and provides various data, software, engineering, education and training opportunities to the geosciences community.

We greatly appreciate any feedback you are willing to provide. If you agree to participate by continuing this survey, you will be asked a series of questions about which UNAVCO products and services you use and your satisfaction with those products and services. The survey should take a maximum of 45 minutes and most people will be able to complete this survey in 15-20 minutes. Your participation in this survey is completely voluntary. You may skip any questions you wish or stop answering questions at any time. Individual answers will not be made public and information will only be shared in aggregate form.

If you wish to withdraw your consent after completing the survey form, or if you have any questions or concerns about the survey, please contact the Earth Sciences, Information and Facilities Program Director, Dr. Russell Kelz at rkelz@nsf.gov or 703-292-4747, or Dr. Sharon Williams (STPI) at swilliam@ida.org or 202-419-5411.

Thank you again for your participation.

Background

1) Do you or have you ever used any of the following (check all that apply):

UNAVCO data (any data from unavco.org, opentopo.sdsc.edu, suominet.ucar.edu)

UNAVCO data support services

UNAVCO equipment

UNAVCO educational materials

UNAVCO-supported software

UNAVCO project support

Other: _____

Logic: Show/hide trigger exists.

2) Do you consider yourself a member of the UNAVCO community?

Yes

No

Logic: Hidden unless: Question "Do you consider yourself a member of the UNAVCO community?" #2 is one of the following answers ("Yes")

3) If so, how long have you been involved with UNAVCO?

4) In which sector are you employed?

College or University

Agriculture - Private Industry or Self-Employed

Local, State or Federal Government

Primary or Secondary Education

Non-academic Research Institution

Other - Please Describe: _____

5) What is your job title?

Page entry logic: This page will show when: Question "Do you or have you ever used any of the following (check all that apply):" #1 is one of the following answers ("UNAVCO project support")

Projects

Page exit logic: Page Logic**IF:** Question "Have you ever requested UNAVCO's assistance with project technical planning, budgeting, or guidance on broader impacts? " #6 is one of the following answers ("No") **THEN:** Jump to [page 4 - \(untitled\)](#)

Logic: Show/hide trigger exists.

6) Have you ever requested UNAVCO's assistance with project technical planning, budgeting, or guidance on broader impacts?

Yes

No

Logic: Show/hide trigger exists. Hidden unless: Question "Have you ever requested UNAVCO's assistance with project technical planning, budgeting, or guidance on broader impacts? " #6 is one of the following answers ("Yes")

7) If requested, did you receive assistance?

Yes

No

Logic: Hidden unless: Question "If requested, did you receive assistance? " #7 is one of the following answers ("No")

8) If you did not receive assistance, why not?

Logic: Hidden unless: Question "If requested, did you receive assistance? " #7 is one of the following answers ("Yes")

9) If you did receive project planning support services, in which areas? (check all that apply)

- Project technical planning
- Project budgeting planning
- Broader Impacts proposal guidance
- Other - Write In: _____

Logic: Hidden unless: Question "If requested, did you receive assistance? " #7 is one of the following answers ("Yes")

10) Overall, how satisfied were you with UNAVCO's Project Support?

- Not at all Satisfied
- Somewhat Satisfied
- Neither Satisfied or Dissatisfied
- Somewhat Satisfied
- Extremely Satisfied

11) Please tell us the details about your experiences with UNAVCO project support.

Page entry logic: This page will show when: Question "Do you or have you ever used any of the following (check all that apply):" #1 is one of the following answers ("UNAVCO data support services", "UNAVCO project support", "Other")

(untitled)

Logic: Show/hide trigger exists.

12) Have you used any of the following project and service resources? (check all that apply)

- Geophysical event response including community activities, hardware use, or data requests
- Polar sources for NSF-OPP funded work in the Artic
- Education and outreach services including student support, short courses, curriculum design, or field education
- GPS/GNSS support
- Terrestrial Laser Scanning (TLS) support
- Borehole services
- Data management and archiving including GPS/GNSS data delivery, pickup, or conversion
- None - Not applicable

Logic: Hidden unless: Question "Have you used any of the following project and service resources? (check all that apply)" #12 is one of the following answers ("Geophysical event response including community activities, hardware use, or data requests", "Polar sources for NSF-OPP funded work in the Artic", "Education and outreach services including student support, short courses, curriculum design, or field education", "GPS/GNSS support", "Terrestrial Laser Scanning (TLS) support", "Borehole services", "Data management and archiving including GPS/GNSS data delivery, pickup, or conversion")

13) If so, how would you describe your experience?

Page entry logic: This page will show when: Question "Do you or have you ever used any of the following (check all that apply):" #1 is one of the following answers ("UNAVCO equipment")

Equipment and Instrumentation

Logic: Show/hide trigger exists.

14) Have you used the following programs for equipment and instrumentation?

- Instrument/equipment loan
- Instrument/equipment purchasing
- Instrument/equipment repair
- Instrument/equipment configuration or integration
- Instrument/equipment testing
- None - Not applicable

Logic: Hidden unless: Question "Have you used the following programs for equipment and instrumentation?" #14 is one of the following answers ("Instrument/equipment loan")

15) What kind of equipment have you borrowed?

Logic: Hidden unless: Question "Have you used the following programs for equipment and instrumentation?" #14 is one of the following answers ("Instrument/equipment loan")

16) Overall, how satisfied have you been with equipment you have borrowed from UNAVCO?

- Very Dissatisfied
- Somewhat Dissatisfied
- Neither Satisfied nor Dissatisfied
- Somewhat Satisfied
- Very Satisfied

Logic: Hidden unless: Question "Have you used the following programs for equipment and instrumentation?" #14 is one of the following answers ("Instrument/equipment loan")

17) Please tell us about your experiences with UNAVCO equipment loans.

Logic: Show/hide trigger exists.

18) Have you ever used UNAVCO Equipment Purchasing Services?

- Yes
- No

19) Have you ever participated in a UVACO order pools?

- Yes
- No

Logic: Hidden unless: Question "Have you ever used UNAVCO Equipment Purchasing Services? " #18 is one of the following answers ("Yes")

20) Did UNAVCO Purchasing services help save you? (choose all that apply)

- Time
- Money
- Stress/Anxiety
- Other - Write In: _____
- None of the above

Logic: Hidden unless: Question "Have you ever used UNAVCO Equipment Purchasing Services? " #18 is one of the following answers ("Yes")

21) Overall, how satisfied have you been with UNAVCO Equipment Purchasing Services?

Very Dissatisfied Somewhat Dissatisfied Neither Satisfied nor Dissatisfied Somewhat Satisfied Very Satisfied

Logic: Hidden unless: Question "Have you ever used UNAVCO Equipment Purchasing Services? " #18 is one of the following answers ("Yes")

22) Please tell us about your experiences with UNAVCO purchasing services.

Logic: Show/hide trigger exists.

23) Have you ever used UNAVCO Equipment Repair services?

Yes
 No

Logic: Hidden unless: Question "Have you ever used UNAVCO Equipment Repair services? " #23 is one of the following answers ("Yes")

24) Overall, how satisfied have you been with UNAVCO Equipment Repair Services?

Very Dissatisfied Somewhat Dissatisfied Neither Satisfied nor Dissatisfied Somewhat Satisfied Very Satisfied

Logic: Hidden unless: Question "Have you ever used UNAVCO Equipment Repair services? " #23 is one of the following answers ("Yes")

25) Please tell us about your experiences with UNAVCO Equipment Repair Services.

Logic: Show/hide trigger exists.

26) Have you ever used the UNAVCO Instrument/Equipment Development and Testing Services?

- Yes
- No

Logic: Hidden unless: Question "Have you ever used the UNAVCO Instrument/Equipment Development and Testing Services?" #26 is one of the following answers ("Yes")

27) Overall, how satisfied have you been with UNAVCO Equipment/Development and Testing Experiences?

- Very Dissatisfied
- Somewhat Dissatisfied
- Neither Satisfied nor Dissatisfied
- Somewhat Satisfied
- Very Satisfied

Logic: Hidden unless: Question "Have you ever used the UNAVCO Instrument/Equipment Development and Testing Services?" #26 is one of the following answers ("Yes")

28) Please tell us about your experiences with UNAVCO Instrument/Equipment Development and Testing.

Page entry logic: This page will show when: Question "Do you or have you ever used any of the following (check all that apply):" #1 is one of the following answers ("Other")

Data Services

Logic: Show/hide trigger exists.

29) Are you a UNAVCO Data user?

- Yes
- No
- Don't Know

Logic: Hidden unless: Question "Are you a UNAVCO Data user?" #29 is one of the following answers ("Yes")

30) Have you used the following data sources (check all that apply)

- Imaging data including Terrestrial Laser Scanning (TLS) data , Airborne Laser Scanning (ALS) data, or synthetic aperture radar (SAR) data
- Strain and seismic data including laser strainmeter data, borehole strainmeter data, borehole seismic data, borehole pressure data, and borehole tilt data
- Tropospheric data including surface met data, tropospheric processing models, and integrated precipitable water vapor (PWV)
- GPS/GNSS data including real-time GPS data and high-rate GPS data
- Data communications planning
- Other - Write In: _____

Logic: Hidden unless: Question "Are you a UNAVCO Data user?" #29 is one of the following answers ("Yes")

31) How important is UNAVCO data for fulfilling your work requirements or research goals?

Not at all important Somewhat important Usefull but not necessary
Important Vital

Logic: Hidden unless: Question "Are you a UNAVCO Data user?" #29 is one of the following answers ("Yes")

32) How satisfied have you been with UNAVCO Data Quality?

Very Dissatisfied Somewhat Dissatisfied Neither Satisfied nor Dissatisfied
Somewhat Satisfied Very Satisfied

Logic: Hidden unless: Question "Are you a UNAVCO Data user?" #29 is one of the following answers ("Yes")

33) Overall, how satisfied have you been with UNAVCO Data Support?

Very Dissatisfied Somewhat Dissatisfied Neither Satisfied nor Dissatisfied
Somewhat Satisfied Very Satisfied

Logic: Hidden unless: Question "Are you a UNAVCO Data user?" #29 is one of the following answers ("Yes")

34) Overall, how satisfied have you been with UNAVCO Data Access and the Web Interface?

Very Dissatisfied Somewhat Dissatisfied Neither Satisfied nor Dissatisfied
Somewhat Satisfied Very Satisfied

Logic: Show/hide trigger exists. Hidden unless: Question "Are you a UNAVCO Data user?" #29 is one of the following answers ("Yes")

35) Have you used UNAVCO GPS/GNSS Data? If so, which of the following (select all that apply).

- Realtime GPS
- Archived GPS

GNSS

N/A - have not used

Logic: Hidden unless: Question "Have you used UNAVCO GPS/GNSS Data? If so, which of the following (select all that apply). "#35 is one of the following answers ("Realtime GPS","Archived GPS","GNSS")

36) Overall, how satisfied have you been with UNAVCO GPS/GNSS data?

Very Dissatisfied Somewhat Dissatisfied Neither Satisfied nor Dissatisfied Somewhat Satisfied Very Satisfied

Logic: Hidden unless: Question "Have you used UNAVCO GPS/GNSS Data? If so, which of the following (select all that apply). "#35 is one of the following answers ("Realtime GPS","Archived GPS","GNSS")

37) Do you have any suggestions for the improvement of any of UNAVCO's GPS/GNSS data or access to this data? If so, please provide details.

Logic: Show/hide trigger exists. Hidden unless: Question "Are you a UNAVCO Data user?" #29 is one of the following answers ("Yes")

38) Have you used any UNAVCO Imaging Data? If so, which data (select all that apply)?

Synthetic Aperture Radar (SAR)

Terrestrial Laser Scanning (TLS)

N/A have not used

Logic: Hidden unless: Question "Have you used any UNAVCO Imaging Data? If so, which data (select all that apply)?" #38 is one of the following answers ("Synthetic Aperture Radar (SAR)", "Terrestrial Laser Scanning (TLS)")

39) Overall, how satisfied have you been with UNAVCO Imaging data?

Very Dissatisfied Somewhat Dissatisfied Neither Satisfied nor Dissatisfied Somewhat Satisfied Very Satisfied

Logic: Hidden unless: Question "Have you used any UNAVCO Imaging Data? If so, which data (select all that apply)?" #38 is one of the following answers ("Synthetic Aperture Radar (SAR)", "Terrestrial Laser Scanning (TLS)")

40) Do you have any suggestions for the improvement of any of UNAVCO's Imaging data or access to this data? If so, please provide details.

Logic: Show/hide trigger exists. Hidden unless: Question "Are you a UNAVCO Data user?" #29 is one of the following answers ("Yes")

41) Have you used any UNAVCO Strain and Seismic data? If so, which data (select all that apply)?

- Laser Strainmeter Data
- Borehole Strainmeter Data
- Borehole Seismic Data
- Borehole Pore Pressure Data
- Borehole Tilt Data
- N/A - none used

Logic: Hidden unless: Question "Have you used any UNAVCO Strain and Seismic data? If so, which data (select all that apply)?" #41 is one of the following answers ("Laser Strainmeter Data", "Borehole Strainmeter Data", "Borehole Seismic Data", "Borehole Pore Pressure Data", "Borehole Tilt Data")

42) Overall, how satisfied have you been with UNAVCO Strain and Seismic data?

Very Dissatisfied Somewhat Dissatisfied Neither Satisfied nor Dissatisfied Somewhat Satisfied Very Satisfied

Logic: Hidden unless: Question "Have you used any UNAVCO Strain and Seismic data? If so, which data (select all that apply)?" #41 is one of the following answers ("Laser Strainmeter Data", "Borehole Strainmeter Data", "Borehole Seismic Data", "Borehole Pore Pressure Data", "Borehole Tilt Data")

43) Do you have any suggestions for the improvement of any of UNAVCO's Strain or Seismic data or access to this data? If so, please provide details.

Logic: Show/hide trigger exists. Hidden unless: Question "Are you a UNAVCO Data user?" #29 is one of the following answers ("Yes")

44) Have you ever used UNAVCO Tropospheric data? If so, which data (select all that apply)?

- Surface Met Data
- Tropospheric Processing Models
- Integrated Precipitable Water Vapor (PWV)
- N/A - have not used

Logic: Hidden unless: Question "Have you ever used UNAVCO Tropospheric data? If so, which data (select all that apply)?" #44 is one of the following answers ("Surface Met Data","Tropospheric Processing Models","Integrated Precipitable Water Vapor (PWV)")

45) Overall, how satisfied have you been with UNAVCO Tropospheric data?

Very Dissatisfied Somewhat Dissatisfied Neither Satisfied nor Dissatisfied Somewhat Satisfied Very Satisfied

Logic: Hidden unless: Question "Have you ever used UNAVCO Tropospheric data? If so, which data (select all that apply)?" #44 is one of the following answers ("Surface Met Data","Tropospheric Processing Models","Integrated Precipitable Water Vapor (PWV)")

46) Do you have any suggestions for the improvement of any of UNAVCO's Tropospheric data or access to this data? If so, please provide details.

Logic: Show/hide trigger exists. Hidden unless: Question "Are you a UNAVCO Data user?" #29 is one of the following answers ("Yes")

47) Have you submitted data products to the UNAVCO Archive including the following (check all that apply):

- GPS/GNNS (Raw, RINEX)
- GPS Time Series and Velocities
- InSAR
- Terrestrial Laser Scanning (TLS)
- N/A - have not submitted data

Logic: Hidden unless: Question "Have you submitted data products to the UNAVCO Archive including the following (check all that apply):" #47 is one of the following answers

("GPS/GNNS (Raw, RINEX)", "GPS Time Series and Velocities", "InSAR", "Terrestrial Laser Scanning (TLS)")

48) If so, how would you describe your experience?

Page entry logic: This page will show when: Question "Do you or have you ever used any of the following (check all that apply):" #1 is one of the following answers ("UNAVCO-supported software")

Software

Logic: Show/hide trigger exists.

49) Have you used the following software? If so, please check all that apply.

Data management packages including Geodetic Seamless Archive Center (GSAC) and dataworks for PNNS

Visualization software including the GPS velocity viewer, Jules Verne Voyager, or UNAVCO IDV

Modeling software including VISCO1D

Geodetic utilities such as the plate motion calculator or the geoid height calculator

Data processing software such as TEQC, GPS/GNSS data pre- and post-processing, TLS, or SAR

GPS/TLS data processing/software

Data processing including GPS/GNSS data processing service

N/A - have not used

Logic: Show/hide trigger exists. Hidden unless: Question "Have you used the following software? If so, please check all that apply." #49 is one of the following answers ("Data management packages including Geodetic Seamless Archive Center (GSAC) and dataworks for PNNS", "Visualization software including the GPS velocity viewer, Jules Verne Voyager, or UNAVCO IDV", "Modeling software including VISCO1D", "Geodetic utilities such as the plate motion calculator or the geoid height calculator", "Data processing software such as TEQC, GPS/GNSS data pre- and post-processing, TLS, or SAR", "GPS/TLS data processing/software", "Data processing including GPS/GNSS data processing service")

50) Have you ever requested help with software use or software bugs?

- Yes
- No

Logic: Hidden unless: Question "Have you ever requested help with software use or software bugs?" #50 is one of the following answers ("Yes")

51) Overall, how satisfied have you been with UNAVCO's responses to requests for software help?

- Very Dissatisfied
- Somewhat Dissatisfied
- Neither Satisfied nor Dissatisfied
- Somewhat Satisfied
- Very Satisfied

Logic: Hidden unless: Question "Have you ever requested help with software use or software bugs?" #50 is one of the following answers ("Yes")

52) If so, tell us about your experiences?

Logic: Show/hide trigger exists.

53) Have you ever used software from UNAVCO f? If so, check all that apply.

- Data Processing Software (e.g., TEQC, TLS)
- Data Management Software (e.g., GSAC, Dataworks)
- Data Visualization (e.g., Jules Verne Voyager, UNAVCO IDV)
- Modeling Software (e.g., 3D-Def, DEFNODE)
- Geodetic Utilities Software (e.g., plate motion calculator, geoid height calculator)
- Other - Write In: _____
- N/A - none used

Logic: Hidden unless: Question "Have you ever used software from UNAVCO f? If so, check all that apply." #53 is one of the following answers ("Data Processing Software (e.g., TEQC, TLS)", "Data Management Software (e.g., GSAC, Dataworks)", "Data Visualization (e.g., Jules Verne Voyager, UNAVCO IDV)", "Modeling Software (e.g., 3D-Def, DEFNODE)", "Geodetic Utilities Software (e.g., plate motion calculator, geoid height calculator)", "Other - Write In")

54) Overall, how satisfied have you been with the software available through UNAVCO?

- Very Dissatisfied Somewhat Dissatisfied Neither Satisfied nor Dissatisfied Somewhat Satisfied Very Satisfied

Logic: Hidden unless: Question "Have you ever used software from UNAVCO f? If so, check all that apply." #53 is one of the following answers ("Data Processing Software (e.g., TEQC, TLS)", "Data Management Software (e.g., GSAC, Dataworks)", "Data Visualization (e.g., Jules Verne Voyager, UNAVCO IDV)", "Modeling Software (e.g., 3D-Def, DEFNODE)", "Geodetic Utilities Software (e.g., plate motion calculator, geoid height calculator)", "Other - Write In")

55) Do you have any suggestions for software improvements or new software?

Page entry logic: This page will show when: Question "Do you or have you ever used any of the following (check all that apply):" #1 is one of the following answers ("UNAVCO educational materials")

Education and Outreach

Logic: Show/hidden trigger exists.

56) Have you used the following education and outreach resources (check all that apply)

- Geodetic-focused field education
- Student mentoring
- Education materials including activities and lab exercises or Geodesy Tools for Societal Issues (GETSI)
- Workshops and/or short courses
- Educational workshops
- Map tools
- Data for educators
- Curriculum development
- Other - Write In: _____
- None - Not applicable

Logic: Hidden unless: Question "Have you used the following education and outreach resources (check all that apply)" #56 is one of the following answers ("Geodetic-focused field education", "Workshops and/or short courses", "Educational workshops")

57) In what year did you participate in a field school, workshop or short course?

Logic: Show/hidden trigger exists. Hidden unless: Question "Have you used the following education and outreach resources (check all that apply)" #56 is one of the following

answers ("Geodetic-focused field education", "Workshops and/or short courses", "Educational workshops")

58) Overall, how satisfied have you been with the field education available through UNAVCO?

Very Dissatisfied Somewhat Dissatisfied Neither Satisfied nor Dissatisfied Somewhat Satisfied Very Satisfied

Logic: Hidden unless: Question "Overall, how satisfied have you been with the field education available through UNAVCO? " #58

59) Do you have any suggestions for additional field education offerings or how to improve current offerings?

Logic: Show/hide trigger exists. Hidden unless: Question "Have you used the following education and outreach resources (check all that apply)" #56 is one of the following answers ("Student mentoring")

60) I was a

Faculty Mentor
 Student Mentee

Logic: Hidden unless: Question "I was a " #60 is one of the following answers ("Student Mentee")

61) If you were mentored, please tell us about your experiences in the mentorship program (e.g., did you feel there were enough mentors, how would you describe the quality of your interactions).

Logic: Hidden unless: Question "I was a " #60 is one of the following answers ("Student Mentee")

62) As a young researcher, do you feel that there are enough opportunities for mentorship?

Yes

No

Logic: Hidden unless: Question "I was a " #60 is one of the following answers ("Student Mentee")

63) Do you feel like being a part of the UNAVCO community has or will help your career?

Yes

No

Logic: Hidden unless: Question "I was a " #60 is one of the following answers ("Student Mentee")

64) Please explain.

Logic: Hidden unless: Question "I was a " #60 is one of the following answers ("Student Mentee")

65) Overall, how satisfied have you been with the student mentoring available through UNAVCO?

Very Dissatisfied Somewhat Dissatisfied Neither Satisfied nor Dissatisfied Somewhat Satisfied Very Satisfied

Logic: Hidden unless: Question "I was a " #60 is one of the following answers ("Faculty Mentor","Student Mentee")

66) Do you have any suggestions on how UNAVCO could improve mentoring?

Logic: Hidden unless: Question "Have you used the following education and outreach resources (check all that apply)" #56 is one of the following answers ("Education materials including activities and lab exercises or Geodesy Tools for Societal Issues (GETSI)","Map tools","Data for educators")

67) Overall, how satisfied have you been with the educational materials, map tools or educational data available through UNAVCO?

Very Dissatisfied Somewhat Dissatisfied Neither Satisfied nor Dissatisfied Somewhat Satisfied Very Satisfied

Logic: Hidden unless: Question "Have you used the following education and outreach resources (check all that apply)" #56 is one of the following answers ("Education materials including activities and lab exercises or Geodesy Tools for Societal Issues (GETSI)","Map tools","Data for educators")

68) Which materials or map tools have you used and for what grade or purpose?

Logic: Hidden unless: Question "Have you used the following education and outreach resources (check all that apply)" #56 is one of the following answers ("Education materials including activities and lab exercises or Geodesy Tools for Societal Issues (GETSI)", "Map tools", "Data for educators")

69) Do you have any recommendations for new educational materials or ways to improve existing materials?

Overall Opinion

Logic: Show/hide trigger exists.

70) Are you familiar with the UNAVCO governance process?

Yes

No

Logic: Hidden unless: Question "Are you familiar with the UNAVCO governance process?" #70 is one of the following answers ("Yes")

71) If so, how satisfied are you with UNAVCO governance?

Very Dissatisfied Somewhat Dissatisfied Neither Satisfied nor Dissatisfied Somewhat Satisfied Very Satisfied

Logic: Hidden unless: Question "Are you familiar with the UNAVCO governance process?" #70 is one of the following answers ("Yes")

72) Do you have any suggestions for improving UNAVCO governance? If so, please explain.

73) Do you think that UNAVCO is responsive to the needs of the community?

- yes
 no

Logic: Show/hide trigger exists.

74) Are there any areas in which UNAVCO could improve it's responsiveness?

- yes
 no

Logic: Hidden unless: Question "Are there any areas in which UNAVCO could improve it's responsiveness?" #74 is one of the following answers ("yes")

75) If yes, please explain.

76) Do you think the role of UNAVCO should change in the future? If so, how?

77) Is there anything else you would like to tell us about UNAVCO?

Thank You!
