

CITSCI FUND YEAR 2



REQUEST FOR
2019
PROPOSALS



In the chat box share your:
name,
title,
& favorite thing about fall

Welcome

Audio: 1-888-844-9904

Access Code: 701-0327

Hearing an echo? Mute
your computer speakers



*This meeting is being recorded

YOUR HOSTS



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USDA Forest Service – Washington Office

GROWING NEEDS, LESS CAPACITY



Fire in the Pacific Northwest Region.

FOREST SERVICE MANDATE

- Foster resilient, adaptive ecosystems
- Deliver benefits to the public
- Connect people to the outdoors
- Advance knowledge
- Exchange natural resource expertise

This requires inventory, monitoring and research data and information.

- Budget and staff time are increasingly limited

FOREST SERVICE NATIONAL PRIORITY #3

**// Promoting shared stewardship
by increasing partnerships
and volunteerism. //**

Citizen science can help us meet multiple objectives



2017 CROWDSOURCING & CITIZEN SCIENCE ACT

// Granting Federal science agencies the direct, explicit authority to use crowdsourcing and citizen science will encourage its appropriate use...and facilitate broader public participation in the innovation process... //

INVEST IN COLLABORATIVE MANAGEMENT

GOALS OF THE CITSCI FUND:

- Expand the collection and analysis of data to advance science and land management.
- Provide opportunities for meaningful participation by the public in agency activities.
- Strengthen partnerships to address mutually beneficial outcomes and leverage resources.
- Share what was learned by participating in communities of practice.



Volunteers with CitSci Fund project, *Engaging citizen scientists in field research on American pika, an indicator species for alpine ecosystem integrity*

Year One - 2018

WE RECEIVED

171

PROPOSALS



BY SUBJECT

BIOLOGICAL



SOCIAL



CULTURAL



ECONOMIC



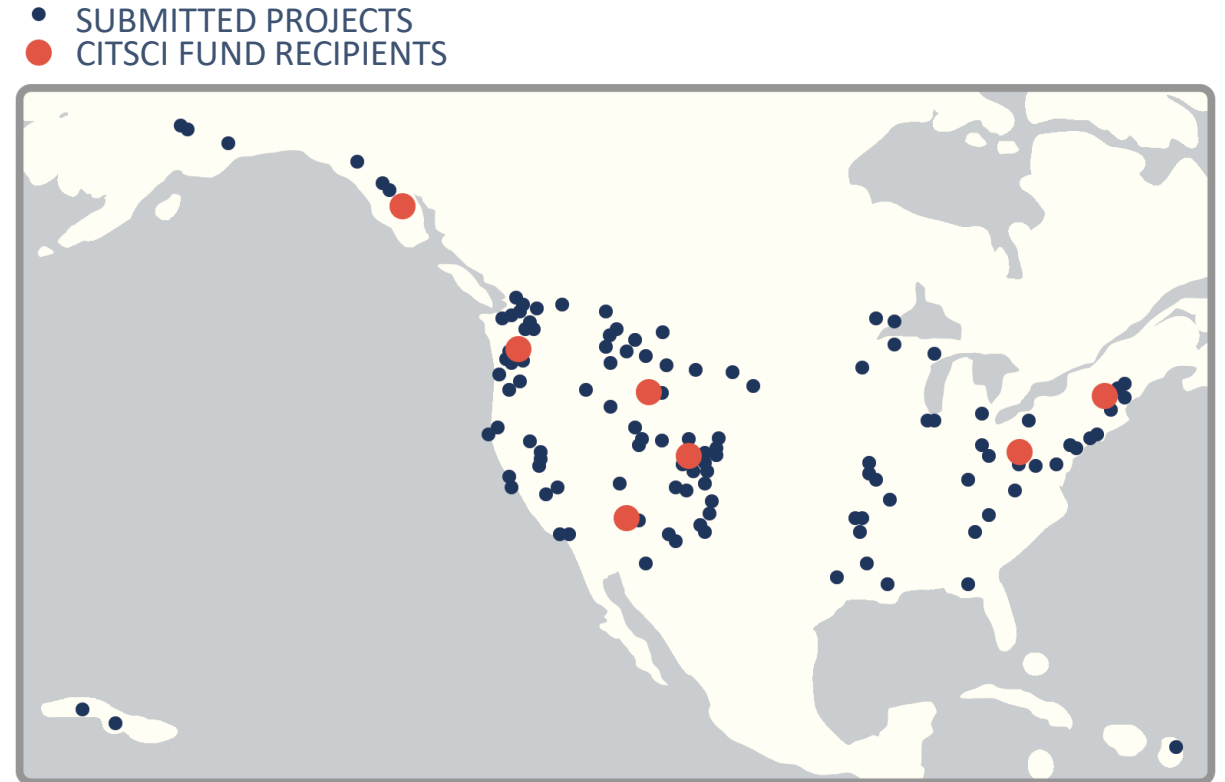
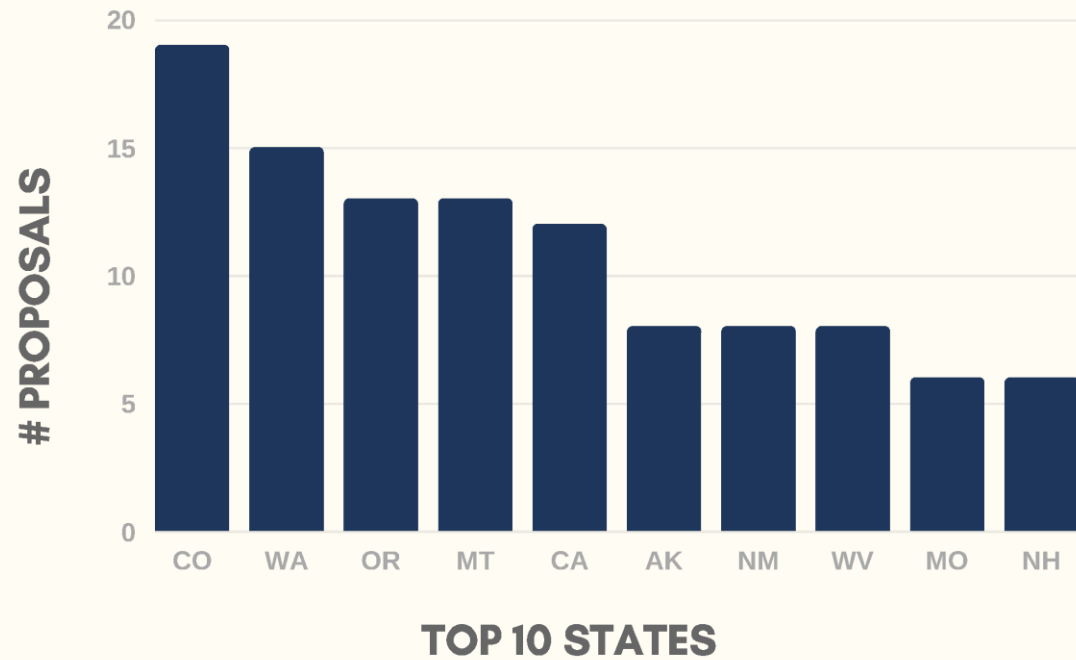
INFRASTRUCTURE



OTHER



BY LOCATION



2018 AWARDEES



**Survey of plants
traditionally used by
Arizona tribes to
improve management
across 4FRI**

*Kaibab NF, Tonto NF
Northern AZ*



**Tracking the vernal
window with New
England High Schools**

*White Mountain NF
Durham, NH*



**Monitoring the
Columbia River Gorge
pika population after
the Eagle Creek Fire**

*Columbia River Gorge NSA
OR and WA*



**Elders and youth
collaborative
investigation at
Admiralty Cove**

*Tongass NF
Admiralty National
Monument, AK*

2018 AWARDEES



Cache Creek Study: Monitoring a heavily used recreation area

*Bridger-Teton NF
Jackson, WY*

Funder: Office of Sustainability
and Climate



Field Research on American Pika, an Indicator for Alpine Ecosystem Integrity

*White River NF
Glenwood Springs, CO*

Funder: Office of Sustainability
and Climate



Non-Native Invasive Species Program with 5th graders

*Monongahela NF
Elkins, WV*

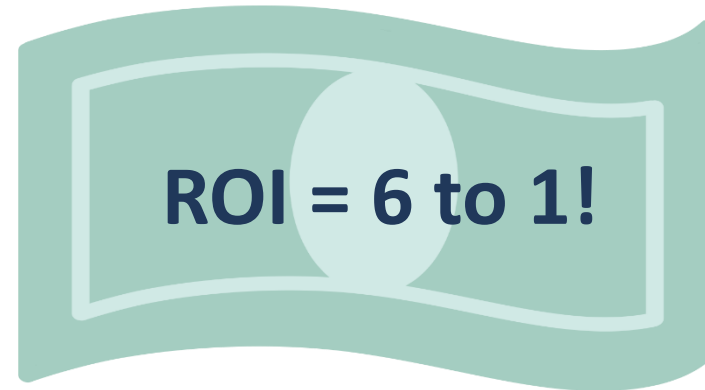
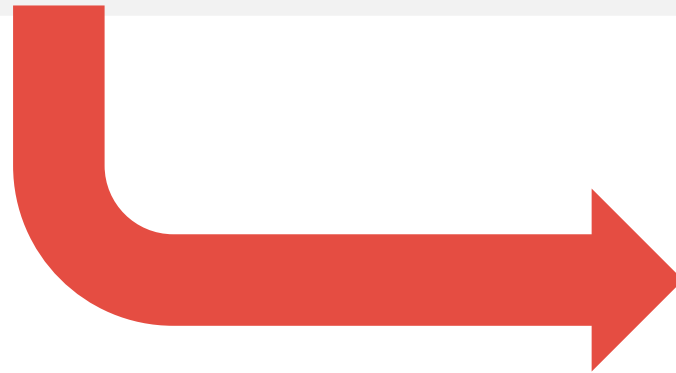
Funder: Eastern Region,
Northeastern Area State &
Private Forestry, Northern
Research Station, and the
Forest Products Lab

POTENTIAL RETURN ON INVESTMENT

7 Projects funded by FS..... **\$152,216**

Partner match.....**\$106,896**

1,300 volunteers, 20hrs each*.....**\$641,940**



*Estimated number of volunteers in proposals combined with an estimated volunteer time per individual participant. Value of volunteer time calculated using [Independent Sector Estimated National Value of Each Volunteer Hour](#). These are estimates, not final values.

NFS DEPUTY CHIEF FUNDING

Citizen Science for Rangeland Health: Engaging Ranchers in Science

- San Juan NF

Engaging Angler Scientists to Monitor the Effectiveness of Stream Reconnection Projects

- Pisgah-Nantahala, George Washington-Jefferson, Allegheny, and Manistee-Huron NFs

Boise Logging Operations Multi-Party Monitoring

- Boise NF

Additional Program Support:

- Evaluation of citizen science volunteer values and perceptions
- NGO learning round table led by Trout Unlimited



Volunteers with CitSci Fund project, *Engaging Angler Scientists to Monitor the Effectiveness of Stream Reconnection Projects*

OTHER PROGRAM FUNDING



Científicos en Familia: Engaging Latino Communities in Science & Stewardship

*Washington Office, George
Washington & Jefferson NF*

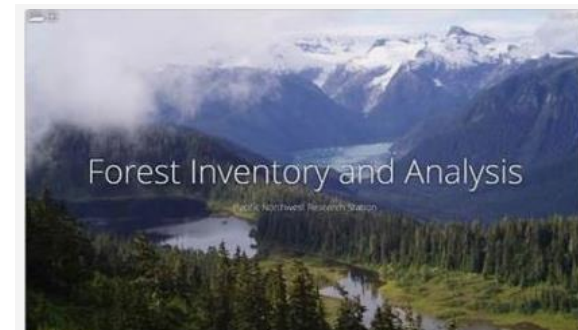
Funder: WO-Forest Health
Protection



Measuring effectiveness of new permit system with Leave No Trace

*White River NF
Colorado*

Funder: WO-Recreation



Culturally Responsive Citizen Science Development with FIA in Interior Alaska

*PNW Anchorage Forestry
Sciences Lab
Alaska*

Funder: WO-Forest Inventory
and Analysis

APPLICATION

- Open to all FS & partners
- FS Partner Lead and a Partner Project Lead with an agreement in place
- Demonstrate meaningful volunteer engagement/collaboration
- Take place on NFS lands or data used to meet an FS Information needHave a
- genuine scientific and/or management outcome
- Any subject area
- Duration of 6 months or longer

CHANGES FROM 2018

2019 APPLICATION

- Change from a fillable pdf form to an online form.
- This year's funding amount has increased from \$100,000 to \$200,000.
- Piloting and incubator model with three levels of funding.
- Forest Service Grants & Agreements and Budget specialists must be identified.
- The partner's DUNS number is required for this year or it needs to be clear that they will receive a number by May 15, 2019.
- Volunteer hours can be counted towards partner contribution.

Level	Funding Limit	Duration	Description
1 – Project Ideation	Up to \$10,000	Single year funding – Dollars must be spent and final report completed by May 15, 2020.	Initial idea or brainstorming between the Forest Service and a partner for a project that will meet a Forest Service information need but requires more time and testing to be able to complete a Project Plan. Volunteers have not yet been on the ground at the start of the project.
2 – Project Development and Implementation	Up to \$25,000	1.5 years funding – Dollars must be spent and final report completed by November 15, 2020.	All the information is available to complete a Project Plan and partnership agreement is ready to be put into place. Implementation (active participation by citizen scientists) has not yet begun or citizen scientists have participated in field testing and pilots. OR Project is part of an established program but is adding a new component that requires testing such as a new research or monitoring question and methodology or expansion to new locations. Implementation on the new component (active participation by citizen scientists) has not yet begun or citizen scientists have participated in field testing and pilots.
3 – Ongoing Project	Up to \$10,000	1.5 years funding – Dollars must be spent and final report completed by November 15, 2020.	For projects that have had active citizen scientists on the ground for more than one year and that have demonstrated results or shown success in meeting their objectives. These are projects that plan to continue into the future (demonstrate a funding sustainability model and a plan to continue after this year of funding). OR Level 2 CitSci Fund awardees. Eligibility for the 2018 Cohort begins in the 2020 funding year.

IMPORTANT DATES

Action	Target Date
Proposal process open	November 1, 2018
Project proposals due	January 9, 2019 at 11:59 pm EST
Project selections announced	March 8, 2019
Partnership agreements in place and funds dispersed	May 2019
Project Leads submit Project Plans	Levels 2 and 3: June 2019 Level 1: May 2020
Project planning/implementation begins	2019 /2020
Final report due	Level 1: May 15, 2020 Levels 2 and 3: November 15, 2020

IMPLEMENTATION

- Level 1: Implement field test and refine project design.
- Levels 2 and 3: Implement pilot/project with volunteers on the ground for at least one field season.

ALL PROJECTS:

- Both project leads participate in regular calls with their Learning Journey Cohort.
- Share lessons learned, best practices, protocols and other useful information with the national Community of Practice and write blogs from the partner, volunteer, and Forest Service perspectives.
- Participate in an evaluation of their projects including measures on volunteer perceptions and attitudes, partnership outcomes, and how citizen science is being used for land management.

REPORTS

ALL PROJECTS:

- Refine the project proposal into a Project Plan. Final accomplishments report.
- Report activities in the appropriate USFS reporting database.
- Provide information for national report to Congress.
- Share outcomes with the national Community of Practice.
- For Level 3: Develop a succinct guidance document for the project that includes protocols, best practices and other relevant materials so that others can replicate this work.

A RESOURCE

PROJECT PLANNING GUIDE

<https://www.fs.fed.us/working-with-us/citizen-science/citizen-science-toolkit>

DETERMINE IF IT'S RIGHT FOR YOUR PROJECT

START WITH THE BASICS

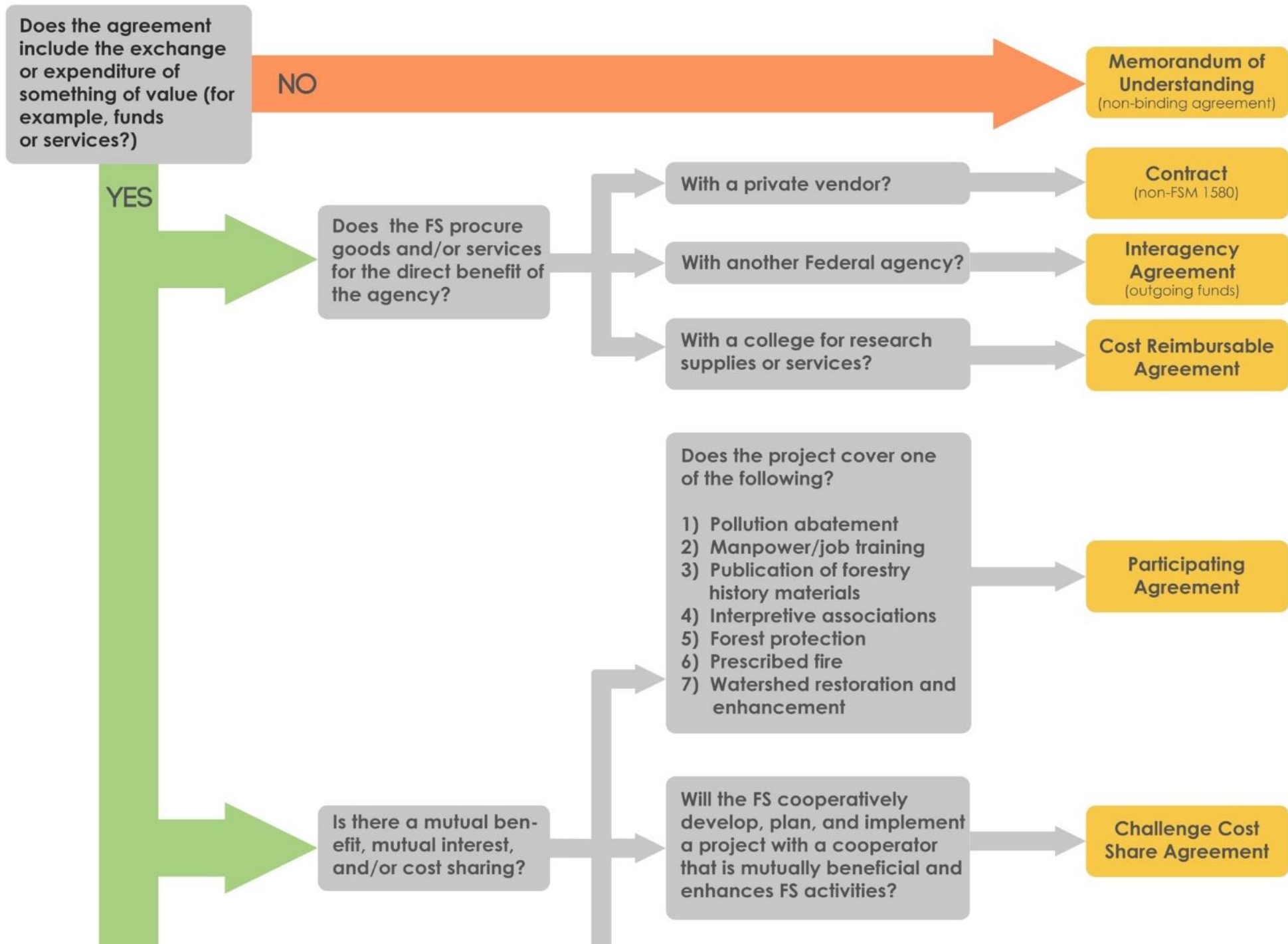
BUILD YOUR TEAM

ESTABLISH PROJECT DESIGN

PREPARE FOR VOLUNTEERS

DEVELOP PROJECT EVALUATION

SHARE RESULTS





DEMO

IMPORTANT LINKS

CitSci Fund Webpage: <https://www.fs.fed.us/working-with-us/citizen-science/competitive-funding-program>

Mailing list sign-up: www.eepurl.com/c5H8db

Email Us! fscs@fs.fed.us

Citizen Science Toolkit: <https://www.fs.fed.us/working-with-us/citizen-science/citizen-science-toolkit>

