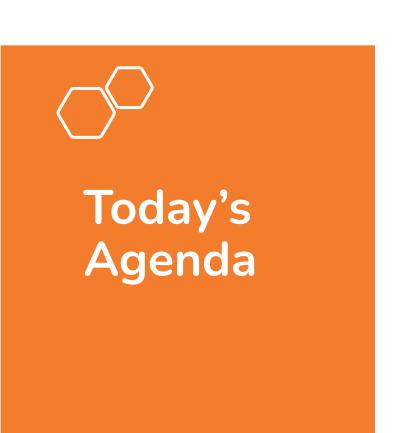
Citizen Science Resources: Leveraging SciStarter for Participatory Research

scistarter

Science we can do together.





Citizen Science and SciStarter Overview



For Project Leaders: How to use free tools



For Facilitators, Educators, CBOS: How to use free tools



Promoting Your Project or Event during Citizen Science Month



Questions

Presenters: Darlene Cavalier, Caroline Nickerson, Bradley Allf

Special thanks to Dr. Caren Cooper from NC State.

Millions of people enjoy science and nature.





Thousands of scientists need volunteers.

But they can't find each other.



We connect them.

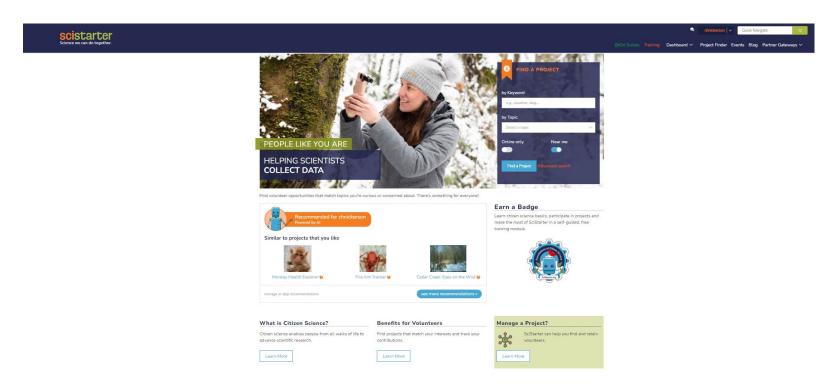


Citizen Science

A collaboration between researchers and those of us who are curious, concerned and motivated to make a difference.

It's how people can make an impact on issues they care about...and help science!

SciStarter connects citizen scientists to over 2,000 projects, events and tools.



"SciStarter is the Amazon of Citizen Science," Carl Zimmer, Discover and The New York Times

2,000+ projects and events

125,000+ registered, active community members

Millions of visitors

SCISTAITE Science we can do together.

We partner to reach millions of people where they are.

























SciStarter digitally connects and disseminates otherwise siloed citizen science activities and makes engagement trajectories explicitly visible in service to the public, organizers, and researchers



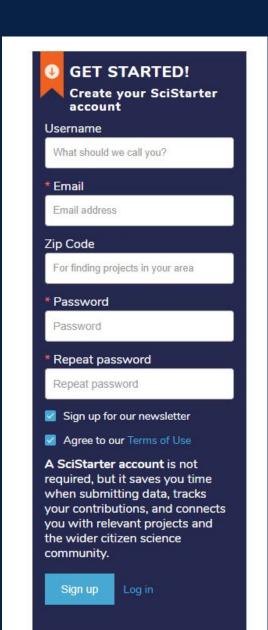
By revealing patterns of engagement, SciStarter revolutionizes assessments, supports deeper engagement across a spectrum of citizen science environments, and drive initiatives to reach new audiences and increase participation.



- Tools to organize data from trusted sources.
- Dashboards to showcase participation.
- Embedded assessments to evaluate outcomes.
- Analytics to support outreach strategies.
- Al-powered recommendation system.
- Social media integration.



SciStarter.org





SciStarter.org/add



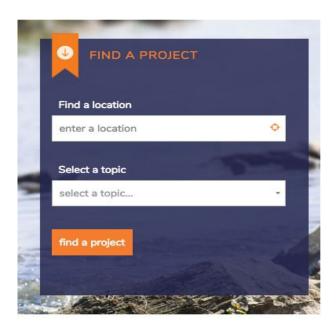






Add a tool

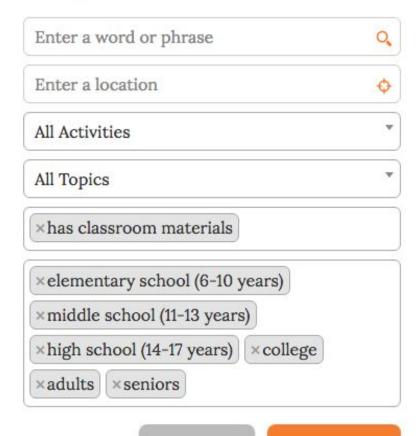
User-friendly tools to search thousands of local or global projects spanning disciplines, locations, age groups, interests, skills, time commitments and more.



Show me what I can do:

- in NJ
- at the beach
- suitable for adults

Project Finder

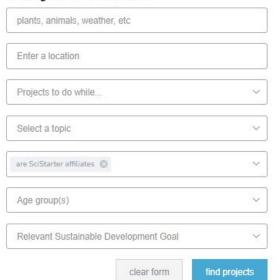


clear form

find projects

SciStarter.org/finder

Project Finder













Participants

Track and earn credit for their contributions to projects





843

Contributions

to Affiliate Projects ?



0

Recent Contributions

to Affiliate Projects (last 14 days)



Saved and Visited Projects

Review later & join!



My Events

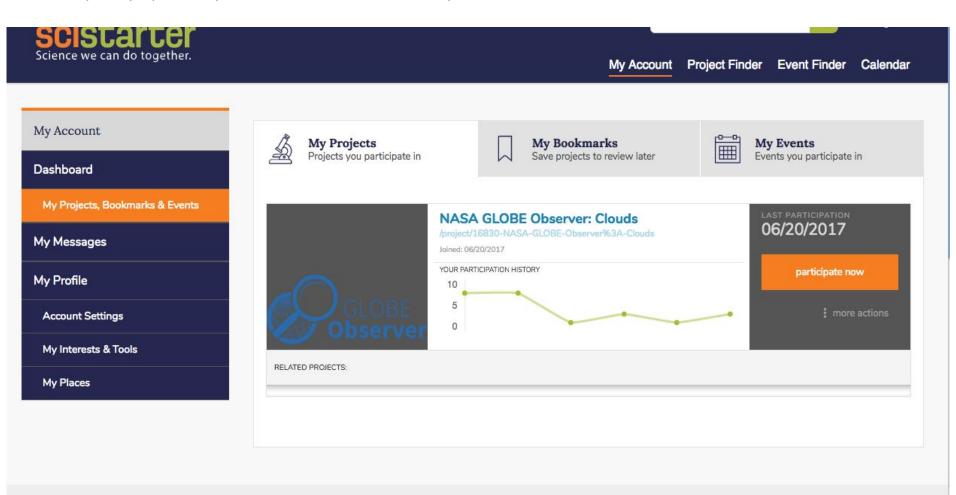
Events you participate in





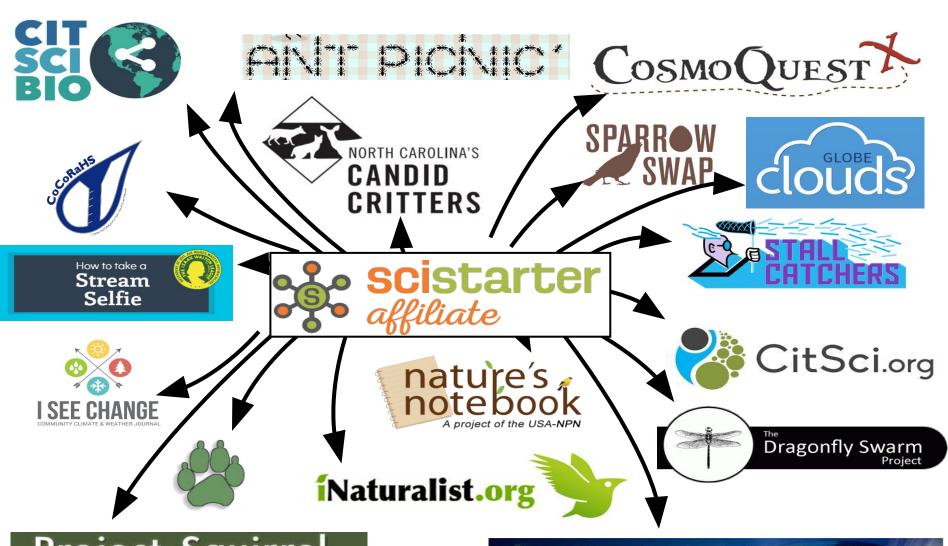
Personalized Dashboards Feature:

- Find recommended projects
- Track your contributions across projects and platforms
- Display your profile and accomplishments



RESEARCH

Track contributions & earn credit for hundreds of SciStarter Affiliate projects.



Project Squirrel



Find select affiliates at SciStarter.org/Affiliates



"How To" videos on YouTube and Facebook.



Become a citizen scientist with Ant Picnic on SciStarter

SciStarter



Learn how to be a citizen scientist and advance research about squirrels on SciStarter



Help create the first-of-its-kind map of streams with Stream Selfie on

SciStarter



How to hunt ZomBees and become a citizen scientist on SciStarter

SciStarter



How to become a Citizen Scientist through Ocean Eyes on SciStarter

SciStarter



How to use the SciStarter Affiliate Tools for your Citizen Science Project SciStarter



Measure the snow, help the planet! SciStarter



Learn how to be a Mosquito Mapper with NASA

SciStarter



How to Participate in Urban Buzz on SciStarter

SciStarter



How To Volunteer to Survey Fish Populations

SciStarter



How to make the most of SciStarter as a citizen scientist

SciStarter



How to participate in Landslide Reporter (COOLR)

SciStarter



How To Help NASA Create a Global Map of Land Coverage

SciStarter

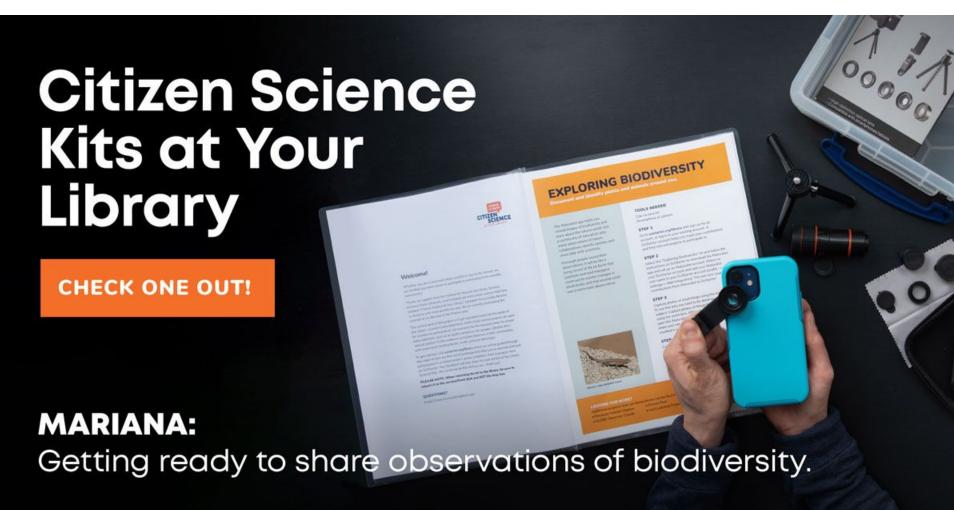
Find dozens of informative, brief, "How To" videos on SciStarter's YouTube channel and Facebook page.

Training for Beginners

- 1. Recognize what citizen science is and how it can be used to address real-world questions in collaboration with others.
- 2. Articulate how participating in citizen science benefits science and society.
- 3. Recognize who can participate in different citizen science projects.
- 4. Recall the types of citizen science projects you can participate in, the skills you can practice or acquire, and the ways you can advance real-world research.
- 5. Recall what SciStarter is and how it can connect you to citizen science projects and help you track your participation.

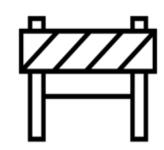
SciStarter.org/training

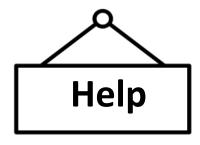
Tools and Resources through Libraries!



ASU and SciStarter partner with public libraries to advance citizen science.

Lower Barriers to participate in projects that require tools





citizen scientists & scientists find & access the right tools

Partner with libraries and museums to curate, bundle projects, tools, instructions into kits so people can do >1 project







Project Leaders

Amplify projects, recruit more participants, and learn more about participants' experiences and interests while advancing scientific research



Participation API

Amplify your project, recruit more participants, and help your volunteers earn credit for contributions to your project.

BEST FOR:

 Project owners that want to be part of our affiliate program which allows your project to be eligible for inclusion in special, curated programming with the Girl Scouts, Discover, PBS, Nature, schools, universities, libraries, and more!

SciStarter.org/API

People Finder

Use our People Finder tool to find and invite members of the SciStarter community to participate in your project or event.



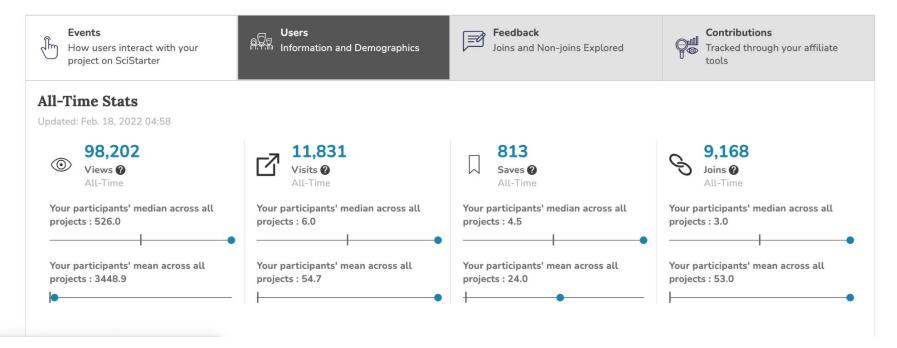
Project Recruitment Volunteer Manager

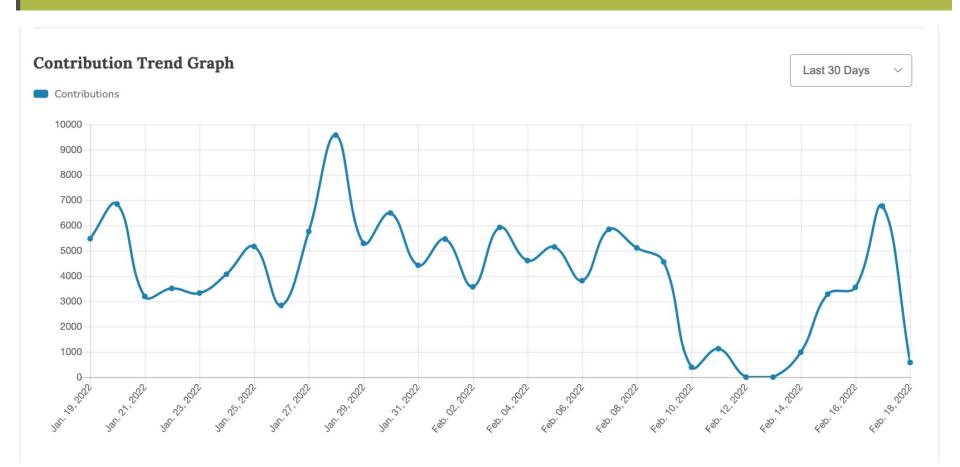
Messages

Tools

Stats

Project Stats

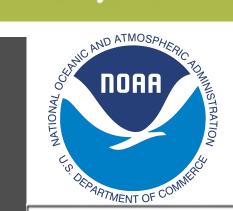






Organizations

Including Girl Scouts USA, Discover, PBS, school districts, college campuses, libraries and others share projects from SciStarter with their communities and acquire evidence needed to award badges, credits, and recognition









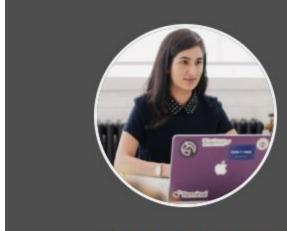




NC STATE UNIVERSITY

Citizen Science Campus

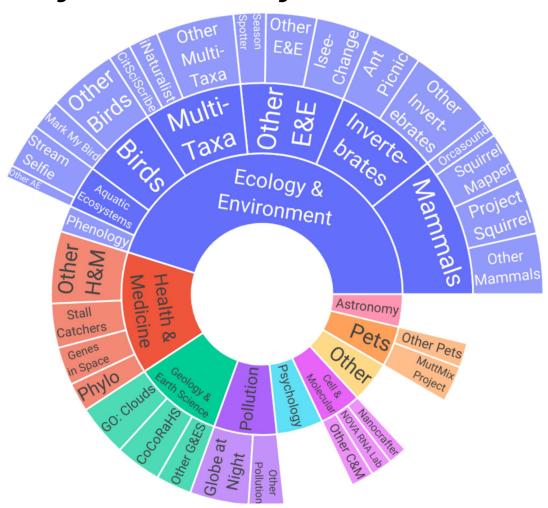




Researchers

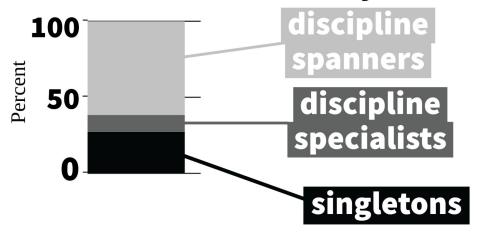
Learn more about the motivations, behaviors, and learning outcomes of participants

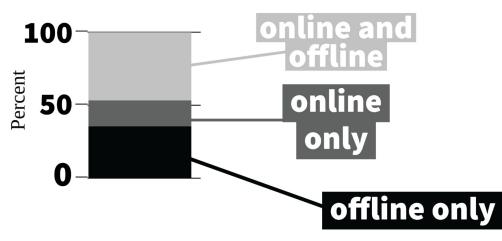
Projects Joined by SciStarter Vols

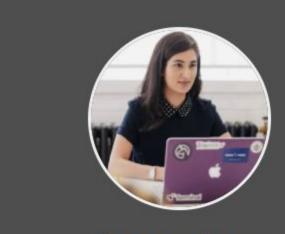




SciStarter Volunteers' Participation in the CitSci Ecosystem





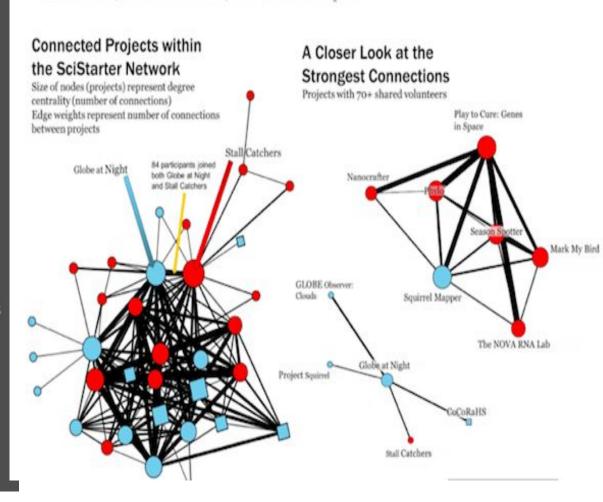


Researchers

Learn more about the motivations, behaviors, and learning outcomes of participants

A Social Network Analysis

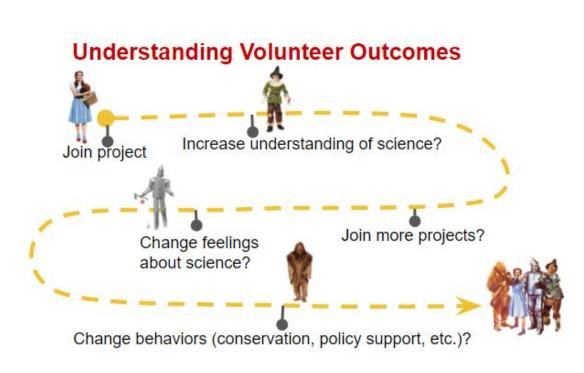
Sara Futch, Lincoln Larson, and Caren Cooper

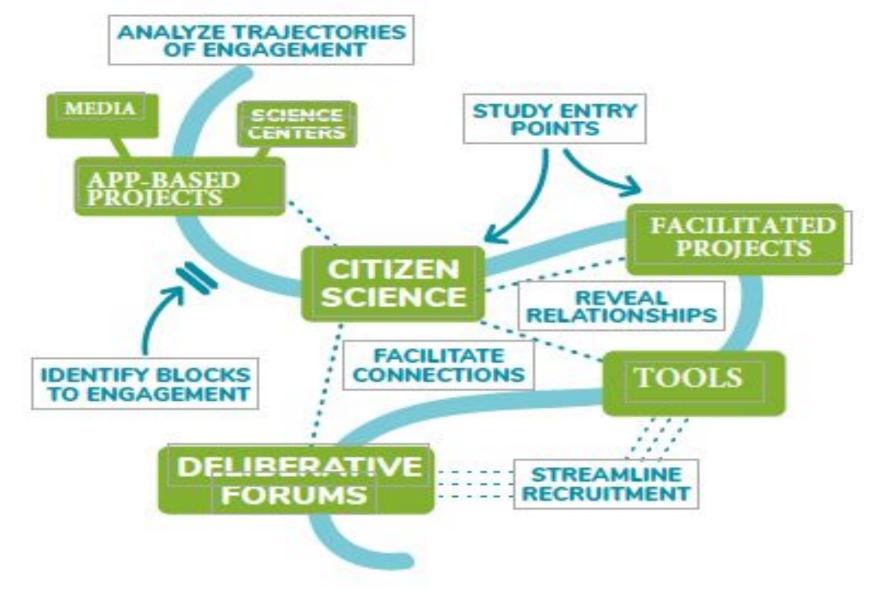




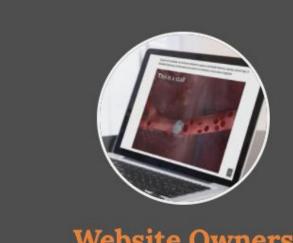
Researchers

Learn more about the motivations, behaviors, and learning outcomes of participants





SciStarter provides researchers with unprecedented data on the landscape of projects, as well as when, where, why and how people engage across the spectrum of citizen science.

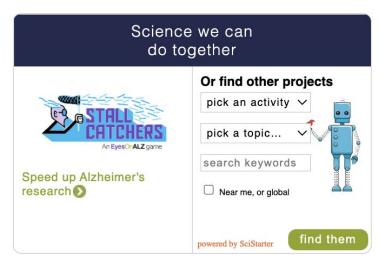


Website Owners

Add citizen science to their websites through an embeddable project finder widget

SciStarter.org/widget/new

Widget preview



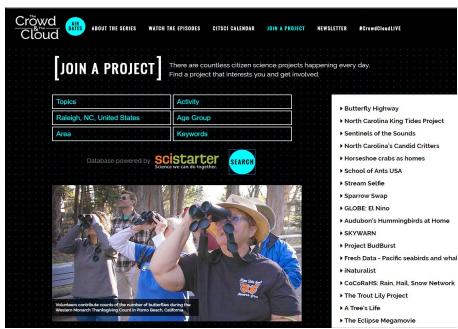
Widget embed code

<iframe src="https://scistarter.org/ui/widget?</pre> widget=53&style=header&layout=horizontal-project-finder&type=featured" width="470" height="306"></iframe>

Used by libraries, museums, schools, PBS, media partners and others.

Free, Plug-and-Play, Customizable "Project Finder Widgets"

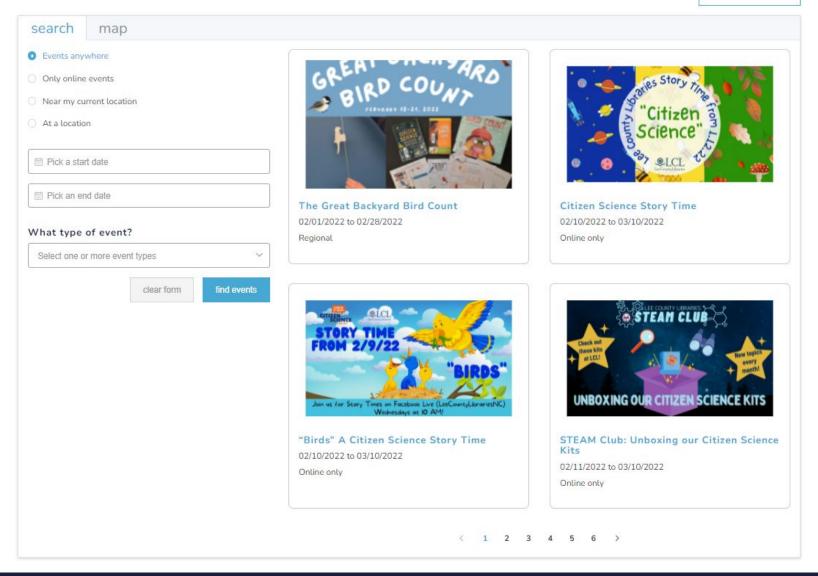




Add Citizen Science to your website in minutes.

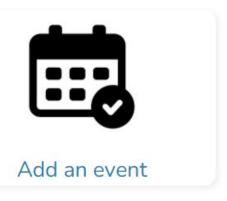
Find or ADD events.

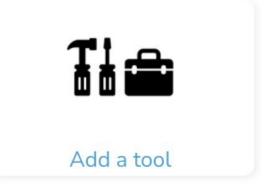
Event Finder Add to SciStarter



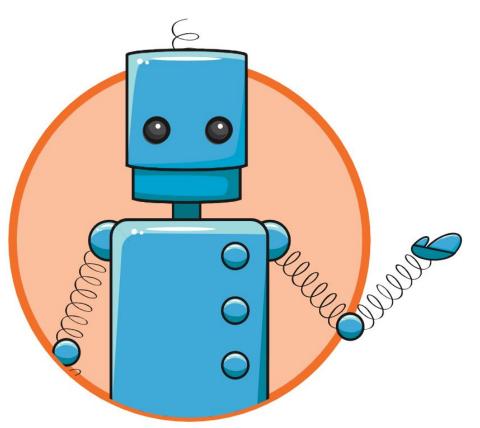
Let's demonstrate: How To Add Your Project or Event to SciStarter







Let's demonstrate: How To Become an Affiliate

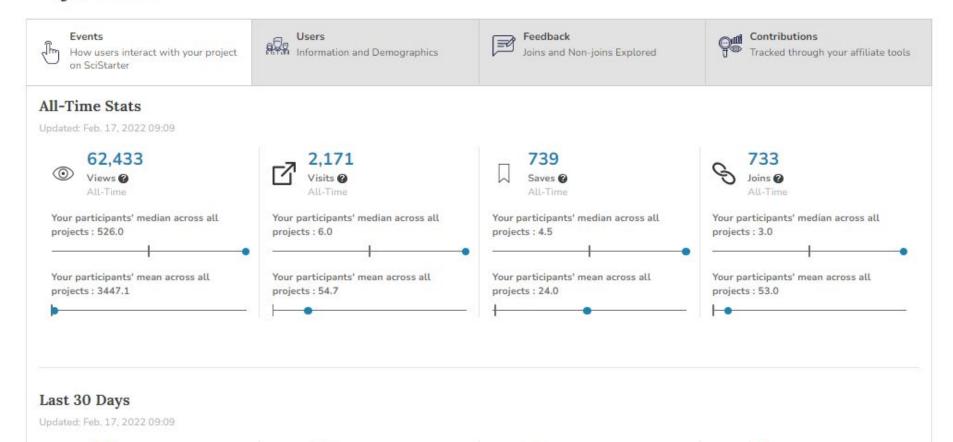


Various options:

- API
- Integration with iNaturalist, Zooniverse, CitSci.org, or Anecdata.org
- Form hosted on SciStarter
- ...something else! Get in touch with your specific request: info@SciStarter.org

Let's demonstrate: How To Use Your Project Leader Dashboard

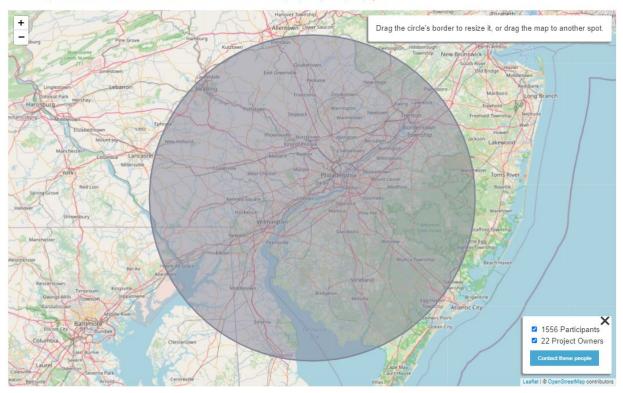
Project Stats



Let's demonstrate: How To Use the People Finder

People Finder

Use our People Finder tool to find and invite members of the SciStarter community to participate in your project or event.



Tools for educators and facilitators!

- SciStarter.org/education
- SciStarter Lists
- Citizen Science Month Programming

View the Introduction to SciStarter Video.

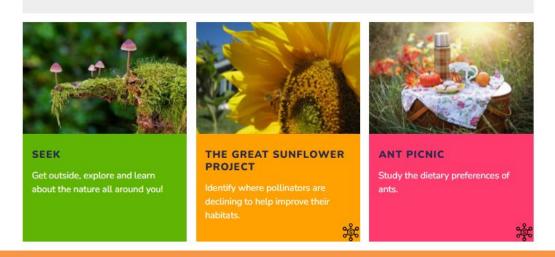


Citizen science is an excellent way to address these Science & Engineering Practices of the Next Generation Science Standards (NGSS):

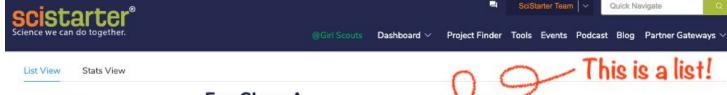
- Asking questions (for science) and defining problems (for engineering)
- Developing and using models
- Planning and carrying out investigations
- 4. Analyzing and interpreting data
- Using mathematics and computational thinking
- Constructing explanations (for science) and designing solutions (for engineering)
- 7. Engaging in argument from evidence
- 8. Obtaining, evaluating, and communicating information



Projects for Grades PreK-2 and Up







List View Stats View

Find a project

Choose a project from this page or search through thousands more options with our Project Finder.

Keyword

Find a Project

Advanced search

For Class A

Hi, check out these great projects!









What is Citizen Science Month?

Citizen Science Month is a month-long celebration in April that features hundreds of events hosted by libraries to help build awareness of and engagement in citizen science!



Last year's results: Citizen Science Month 2021

- 250+ events resulting in more than 350,000 data contributions to projects
- Two-thirds of survey respondents said Citizen
 Science Month helped change the way they think about libraries and the services libraries provide
- 100% of event organizers reported CitSciMonth matched or exceeded expectations
- More than one million people reached through social media!

Add your own event and use free resources to plan and promote it

FREE RESOURCES:

CitizenScienceMonth.org



CitizenScienceMonth.org/Resources

SciStarter.org



WHAT IS CITIZEN SCIENCE?

CitSciMonth: April 2022

- Sign up for facilitator updates: https://CitizenScienceMonth.org/MailingList
- Add your program/event to SciStarter:
 SciStarter.org/add-event



Follow-up

- Contact SciStarter (info@SciStarter.org) if you're interested in:
 - learning more about citizen science or SciStarter
 - becoming an affiliate project to be included in partner programs
 - sponsoring your own customized, curated page
 - Free resource flier:https://media.scistarter.org/curated/SciStarter+flier_project+leaders_educators.pdf