

Welcome to the NGCP National Webinar

**Taking Environmental Action with Youth: Helping Our
Oceans One Piece of Trash at a Time**

Tuesday, September 7, 2021

Please respond to the poll and introduce yourself in the chat.

Use the chat to ask questions, respond to one another, and share resources.



NGCP Vision

The vision of the National Girls Collaborative Project is to **support and create STEM experiences that are as diverse as the world we live in.**



OUR GOALS

1

Maximize access
to shared resources
within projects, and
with public and
private sector
organizations and
institutions

2

Strengthen capacity
of existing and
evolving projects by
sharing exemplary
practice, research,
and program models,
outcomes, and
products.

3

Create the tipping point
for gender equity in
STEM by using the
leverage of a network
and the collaboration of
individual girl-serving
STEM programs

NGCP Activities



Leap
into
science
— Engineered by —
THE FRANKLIN INSTITUTE

 **GIRLS**
ADVISORY BOARD

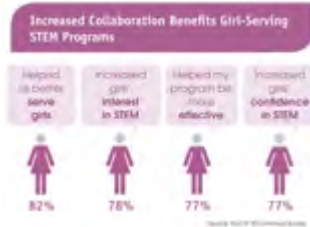


 **THE**
CONNECTORY



MILLION GIRLS MOONSHOT

IF/THEN[®]
Collection



 **FabFems**

National Network of Collaborative Teams



NATIONAL GIRLS COLLABORATIVE PROJECT

Speakers

Veronica Padula

Aleut Community of St. Paul Island
Ecosystem Conservation Office



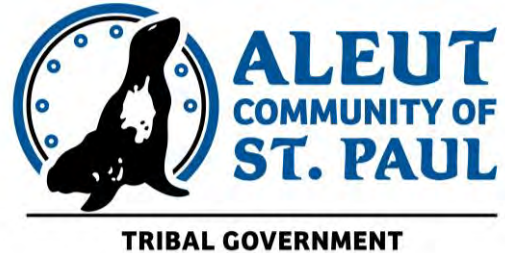
Caroline Nickerson

Senior Program Director with
SciStarter



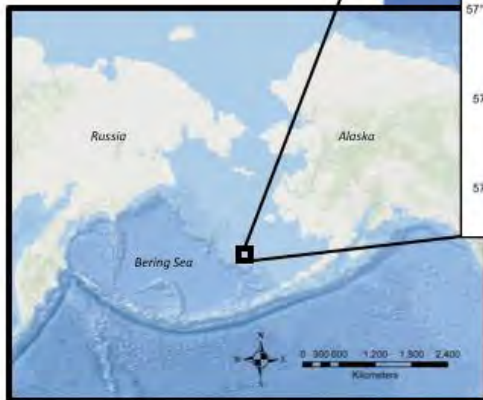


Tackling Marine Debris on St. Paul Island, Alaska



Veronica Padula
vmpadula@aleut.com

Where is St. Paul Island?















PC: Max Romey

**Happy Coastal Clean-up
Month!**

@SciStarter

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Science we can do together.

@CHNickerson

CarolineN@SciStarter.org



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 scientists and those of us who are curious, concerned, and **motivated to make a difference**.



scistarter

People-powered science.

Participation in scientific tasks

PPSR models:

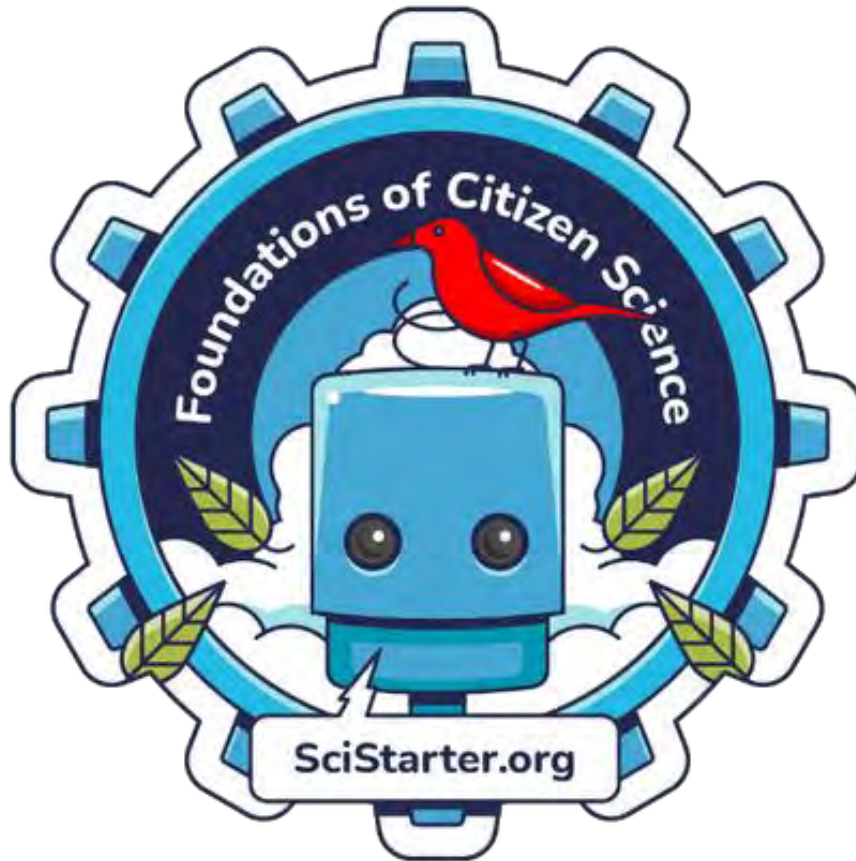
Contributory Collaborative Co-Created

- Define a question/issue
- Gather information
- Develop explanations
- Design data collection methods
- Collect samples
- Analyze samples
- Analyze data
- Interpret data/conclude
- Disseminate conclusions
- Discuss results/inquire further

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SciStarter.org/list/2339



SciStarter connects citizen scientists to over 3,000 projects, events, and tools.

scistarter[™]
Science we can do together.

Search log out

[My Account](#) [Project Finder](#) [CitSciDay](#) [Calendar](#) [Blog](#)



CITIZEN SCIENTISTS ARE DISCOVERING NEW WORLDS

FIND A PROJECT

Find a location

Select a topic

Featured Projects



credit:

Stream Selfie

★★★★★ (3)

Goal: Map streams across the country and start testing the waters.

Task: Simply snap a pic of your local stream and share it!

Where: Stream Selfie, United States of America

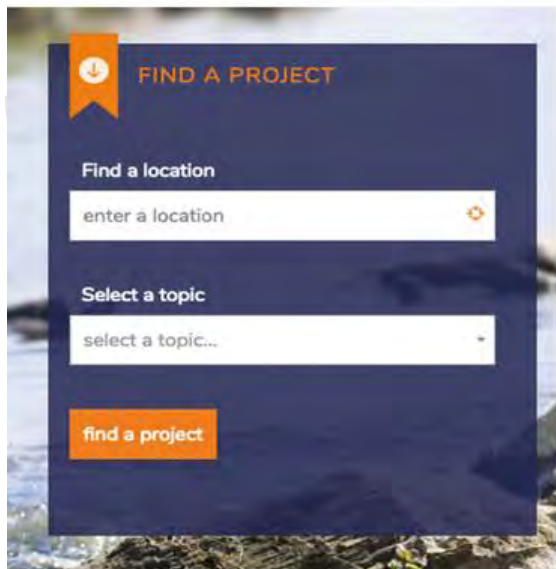


[search all projects](#)

Come and Participate



“SciStarter is the Amazon.com of Citizen Science,” Carl Zimmer, Discover Magazine



Project Finder

Enter a word or phrase



Enter a location



All Activities



All Topics



× has classroom materials

× elementary school (6-10 years)

× middle school (11-13 years)

× high school (14-17 years)

× college

× adults

× seniors


clear form


find projects


Dashboards

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

- Dashboard
- Profile
- Info & Settings


 **Caroline Nickerson**
(chnickerson) [View Public Profile](#)


 **13**
Projects
clicked to join

 **39**
Contributions
to Affiliate Projects

 **1**
Recent Contributions
to Affiliate Projects (last 14 days)

 **My Joined Projects**
Projects you participate in

 **Saved and Visited Projects** 62
Review later & join!

 **My Events**
Events you participate in

Alphabetical [Date Joined](#)



AfriBats
/afribats

joined: 09/13/2019

[Participate](#) [Message Project](#) [Share](#) [Leave Feedback](#)

* *scistarter affiliate* [See My Stats](#)

[Remove Project](#)

GET STARTED!

Create your SciStarter account

Username

* Email

Zip Code

* Password

* Repeat password

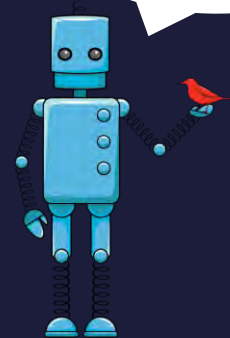
Sign up for our newsletter

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A SciStarter account is not required, but it saves you time when submitting data, tracks your contributions, and connects you with relevant projects and the wider citizen science community.

[Log in](#)

Make a SciStarter Account!



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People-powered science.

citizen



**FROM
ANYWHERE!**





Citizen science project: **Debris Tracker**

Debris tracker empowers you to fight **plastic pollution** by recording the litter you see in your community.



Image credit: Rich Blinkinsoop

Debris Tracker

Let's fight plastic pollution,
together.



- Download the Debris Tracker app and login through SciStarter on the app.
- Research outcomes: identify hotspots of litter and pollution to fight for upstream solutions.



Marine Debris Tracker

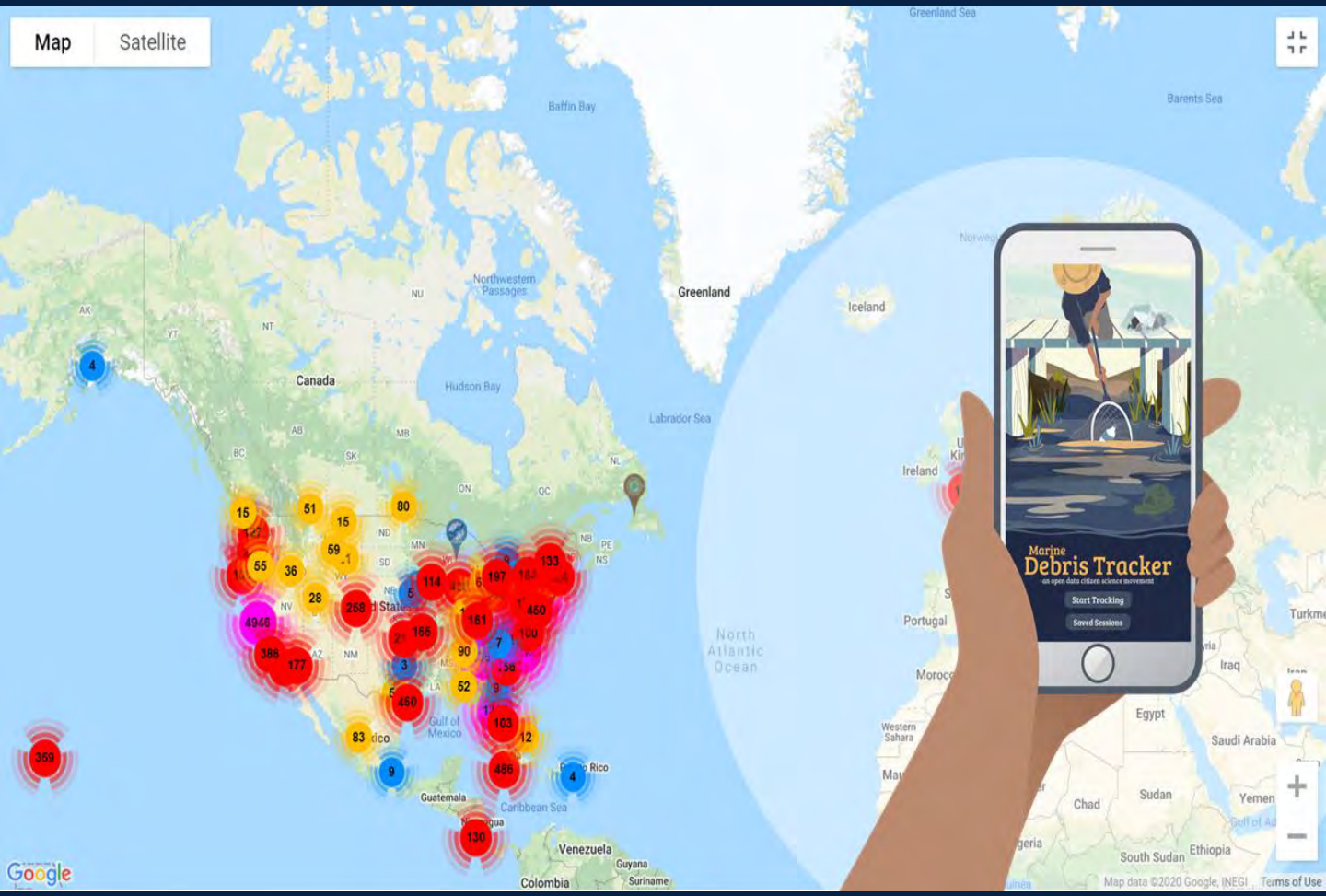
Powered by Morgan Stanley



New Materials Institute
UNIVERSITY OF GEORGIA

Map

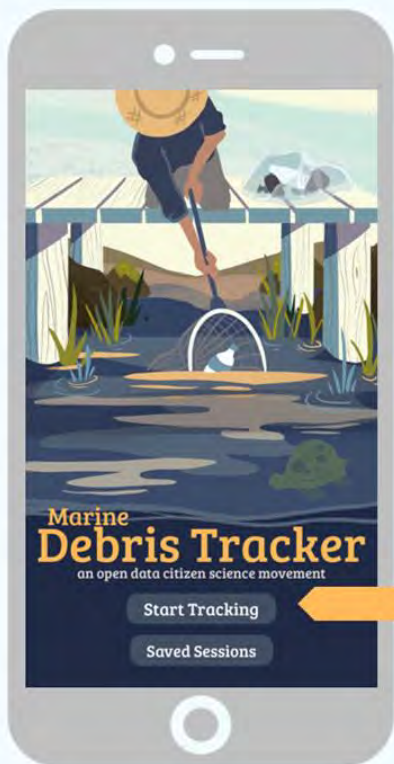
Satellite



SciStarter.org/list/2339

Getting Started with
Debris Tracker








2.5 Million

TOTAL ITEMS TRACKED

56,881 items



12,782 plastic food wrappers



9,410 tobacco sachets



6,971 sheetlike plastic fragments

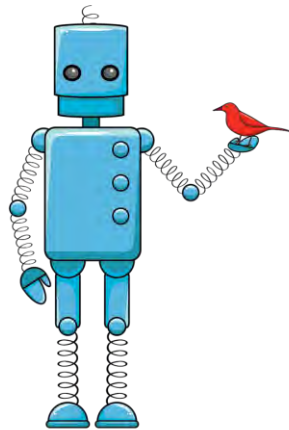


5,029 papers



3,620 cigarettes





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Follow-up

Contact Caroline (CarolineN@SciStarter.org):

- learning more about citizen science
- other presentations about 30+ other projects
- anything else!

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Science we can do together.

Upcoming NGCP Events

Resources for Afterschool Programs: Using the IF/THEN® Collection to Support Programming



September 14, 2021 at 11:00am Pacific / 2:00pm Eastern



Addressing STEM Stereotypes and Biases: Facilitating Challenging Conversations with Youth

September 15, 2021 at 1:00pm Pacific / 4:00pm Eastern

TECHNOLOchicas: Transforming the T in STEM

October 5, 2021 at 2:00pm Pacific / 5:00pm Eastern

