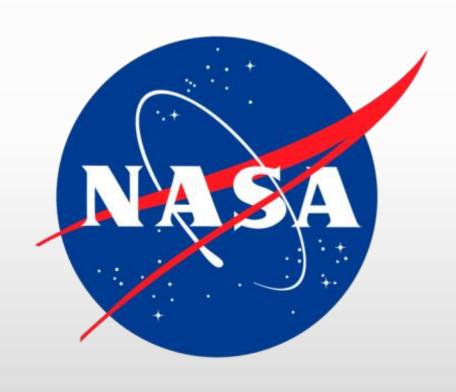
Citizen Science and Federal Agencies





Poster from a blog by the Wilson Center's Common's Lab about the Citizen Science Association

Citizen science: voluntary public participation in the scientific process, addressing real-world problems in ways that may include

- formulating research questions
- conducting scientific experiments
- collecting and analyzing data
- interpreting results
- making new discoveries
- developing technologies and applications
- solving complex problems

Crowdsourcing: organizations submit an open call for voluntary assistance from a large group of individuals for online, distributed problem solving

From: http://www.citizenscience.gov/about/



Tackling Societal and Scientific Problems with Crowdsourcing and Citizen Science

By enabling and scaling the use of open innovation methods such as citizen science and crowdsourcing, the Federal Government is increasingly harnessing the ingenuity of the public to accelerate science and technology innovation, and improve the efficiency and effectiveness of government. Crowdsourcing and citizen science are tools that educate, engage, and empower the public to apply their curiosity and contribute their talents to a wide range of real-world problems.

GAO

October 2016

http://bit.ly/2q20GY4



http://bit.ly/2ot4EvF

United States Government Accountability Office

Report to Congressional Committees

OPEN INNOVATION

Practices to Engage

Effectively Implement

Federal Initiatives

Citizens and

Source: GAO analysis of agency open government plans and documents from OMB, OSTP, and GSA, I GAO-17-14



Helping federal agencies accelerate innovation through public participation.

Citizenscience.gov is an official government website designed to accelerate the use of crowdsourcing and citizen science across the U.S. government. The site provides a portal to three key assets for federal practitioners: a searchable catalog of federally supported citizen science projects, a toolkit to assist with designing and maintaining projects, and a gateway to a federal community of practice to share best practices.

Explore Projects

Plan Your Projects

Join Our Community







View on Twitter

See What's Happening in Federal Citizen Science

Follow Us on Twitter



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Embed

A simple, elegant concept developed by Sam Droege,

USGS Patuxent Wildlife Research Center.

Subcribe to get error updates

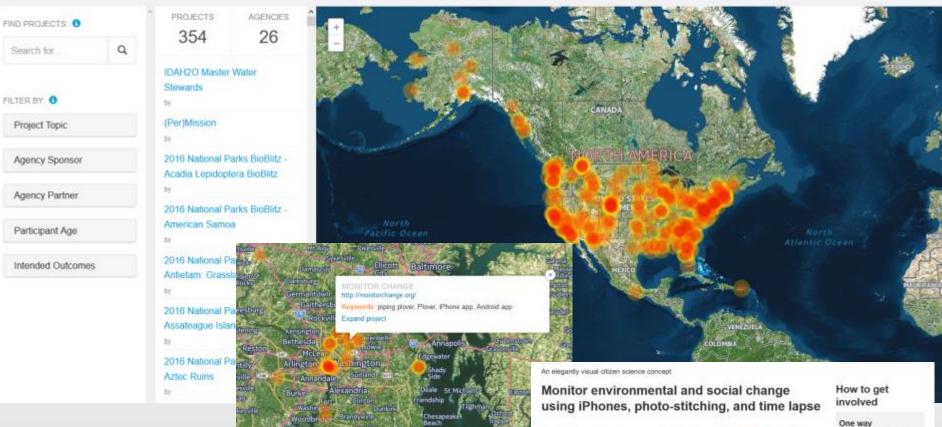
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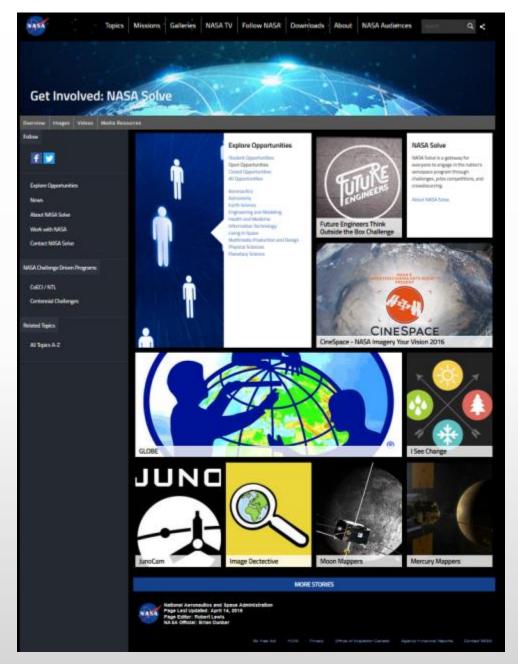
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Federal Crowdsourcing and Citizen Science Catalog

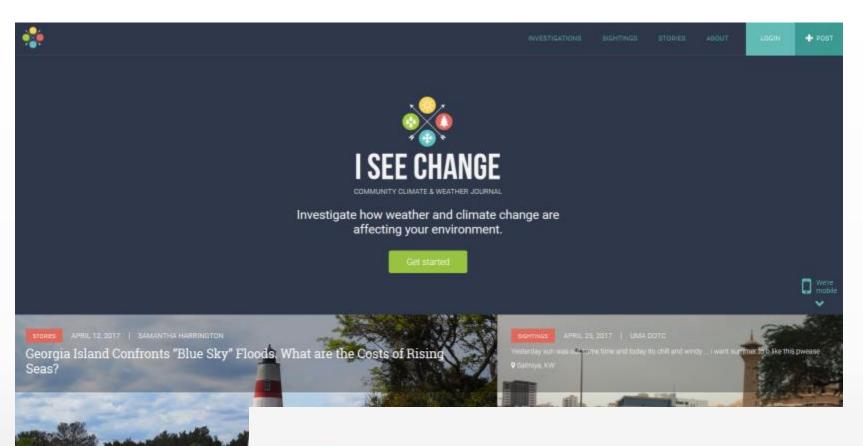








NASA Solve is an invitation to members of the public to contribute their time and expertise to advancing research, solving problems, and potentially winning prizes as a result of their work. Specific projects listed on this site that engage people in problem solving include crowdsourced challenges and prize competitions, citizen science projects, and competitions aimed at advancing student education, and many more activities.



https://www.iseechange.org/



iSeeChange is mobile!

You can now use this site on your phone or your desidop!

We also made an app with NASAI Download it today from the iTunes app store to help investigate climate change on the ground level while satellites monitor from space!



Download the App



Android App coming soon 2017



NPS gov / Explore This Subject / Biodiversity Discovery / NPS/National Geographic Society BioBlitzes / National Parks BioBlitz

National Parks BioBlitz

Follow along in real time as the National Parks BioBlitz continues across the country throughout 2016

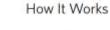


See the biodiversity of national parks across the country as people observe species with iNaturalist.



Check out exciting social media feeds and make sure you share your stories of discovery and inspiration with #BioBlitz2016.







Record your observations

Share with fellow naturalists

Discuss your findings

Nature At Your Fingertips



Keep Track

Record your encounters with other organisms and maintain life lists, all in the cloud.



Crowdsource Identifications

Connect with experts who can identify the organisms you observe.



Learn About Nature

Build your knowledge by talking with other naturalists and helping others.



Create Useful Data

Help scientists and resource managers understand when and where organisms occur.



Become a Citizen Scientist

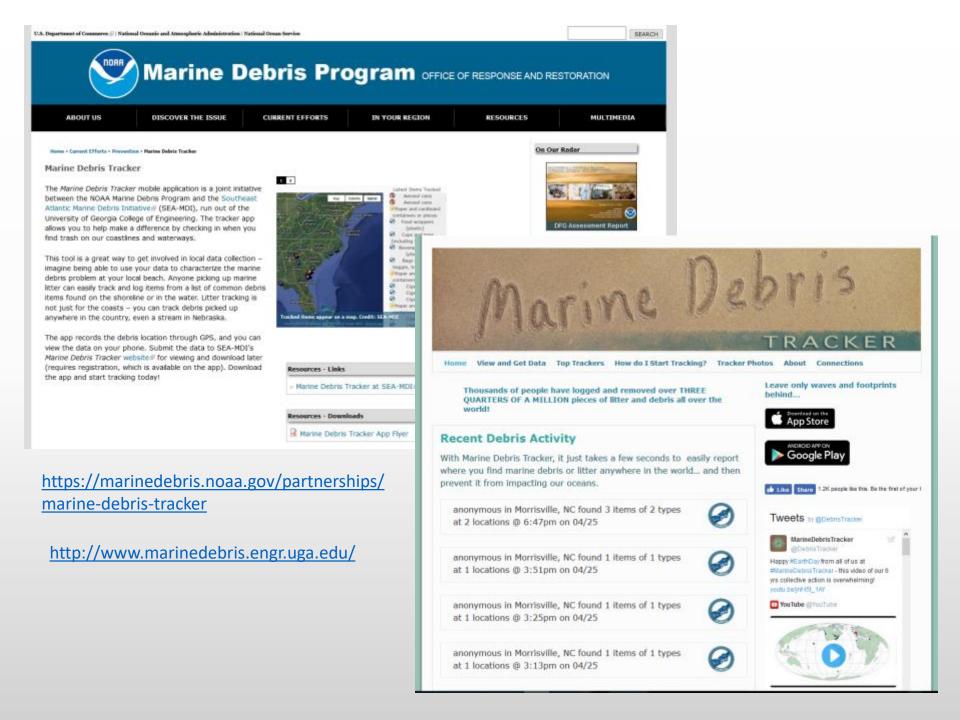
Find a project with a mission that interests you, or start your own.



Run a Bioblitz

Hold an event where people try to find as many species as possible.



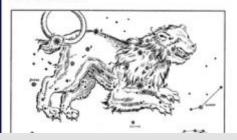




Join us for the April, 2017 campaign!

So far in 2017 citizen scientists from around the world have <u>contributed</u> **6,857 data points**. We are just getting started - help us make it a record setting year!

Campaign dates & Constellations for 2017 have been announced!





Globe at Night and SciStarter

SciStarter has been working closely with Globe at Night to integrate some of their new NSF-funded SciStarter 2.0 tools onto their site. These tools allow participants to automatically track their contributions through a centralized SciStarter dashboard. Check out our project page to learn more.



Globe at Night webapp

Whether you use a smartphone, tablet or computer, you can submit your data in real time with our webapp - now available in 28 languages! Help us make 2017 a record year!









Globe at Night is a program of the **National Optical Astronomy Observatory**, the national center for ground-based nighttime astronomy in the United States, operated by the **Association of Universities for Research in Astronomy** (AURA), under cooperative agreement with the **National Science Foundation**.