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

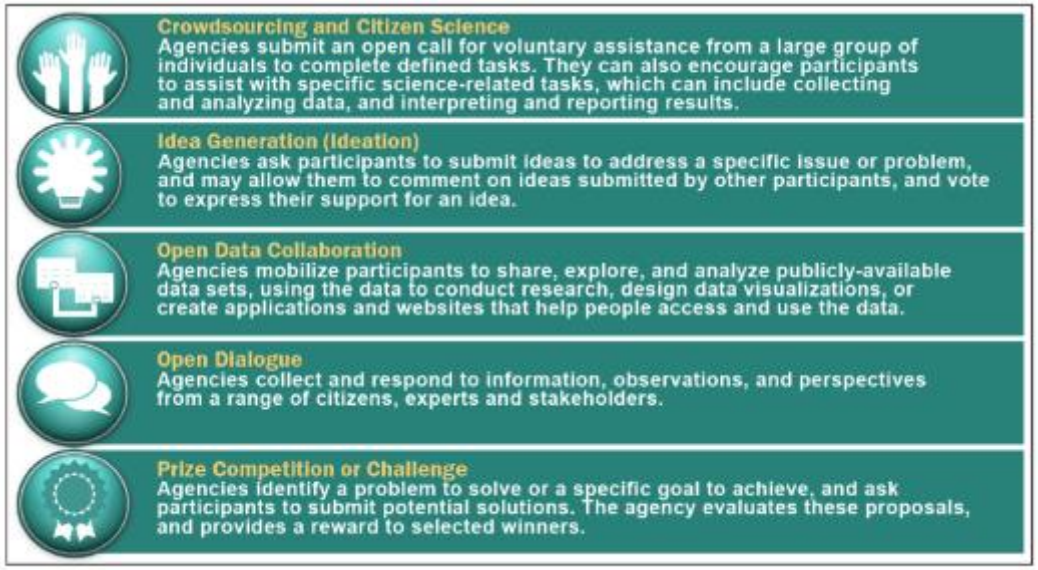
Crowdsourcing: organizations submit an open call for voluntary assistance from a large group of individuals for online, distributed problem solving

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

http://bit.ly/2q20GY4

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.



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

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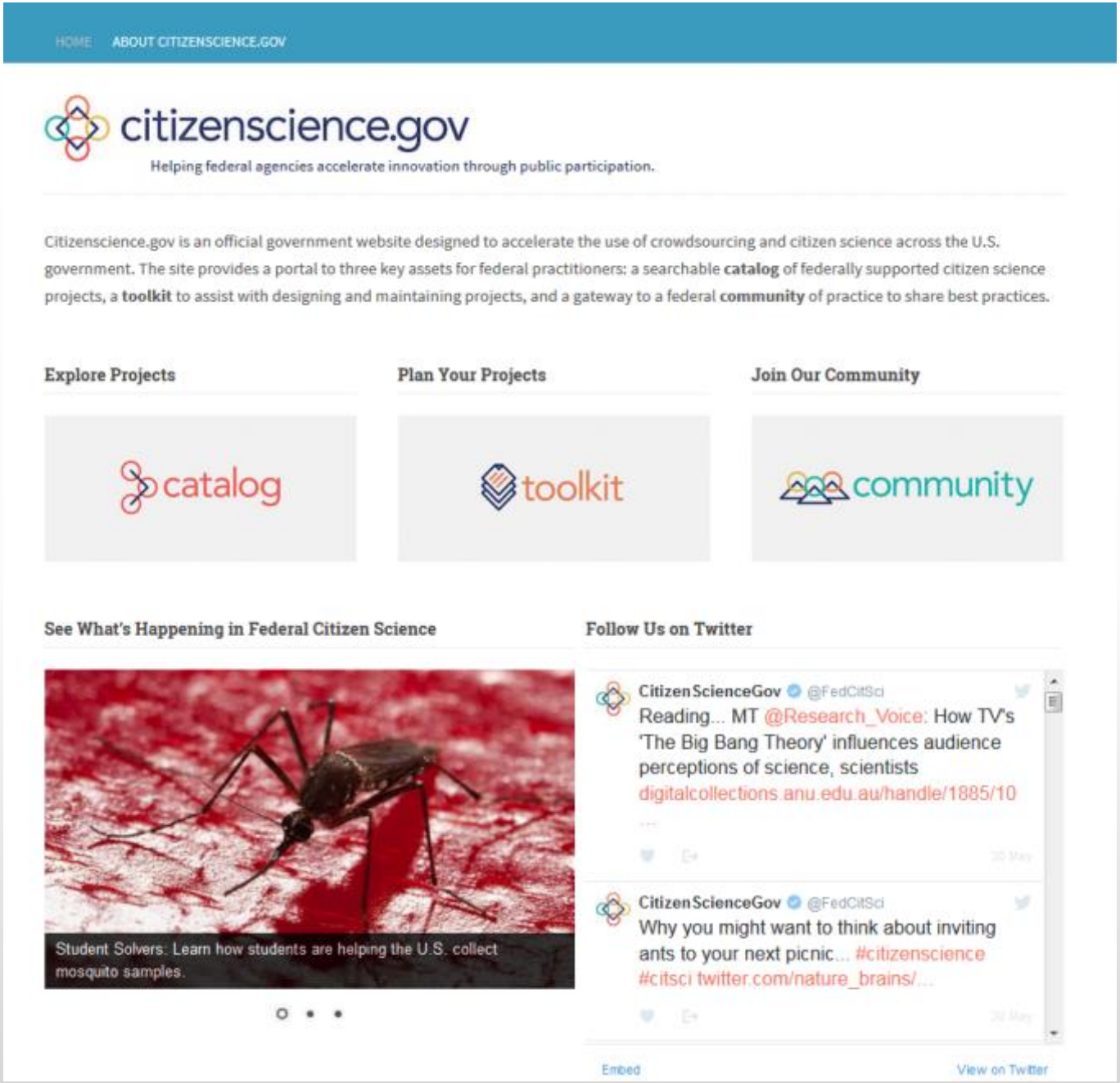

http://www.citizenscience.gov/

CitizenScience.gov Add A Project About The Catalog

catalog citizenscience.gov

Federal Crowdsourcing and Citizen Science Catalog

FIND PROJECTS:

Search for...

FILTER BY:

- Project Topic
- Agency Sponsor
- Agency Partner
- Participant Age
- Intended Outcomes

PROJECTS	AGENCIES
354	26

IDAH2O Master Water Stewards
by

(Per)Mission
by

2016 National Parks BioBlitz - Acadia Lepidoptera BioBlitz
by

2016 National Parks BioBlitz - American Samoa
by

2016 National Pa... Antietam: Grassl...
by

2016 National Pa... Assateague Islan...
by

2016 National Pa... Aztec Ruins
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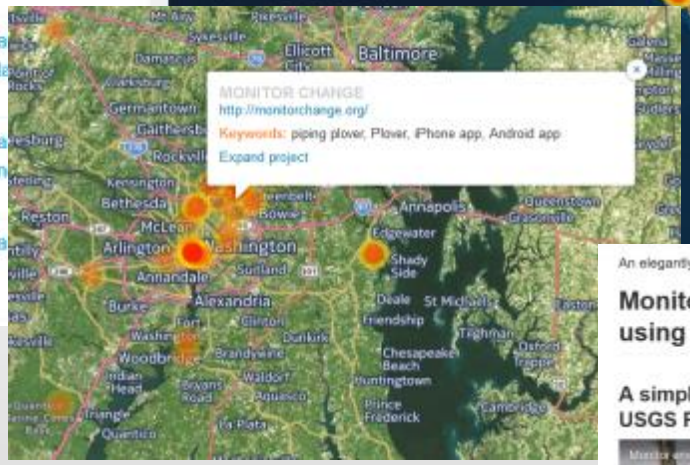
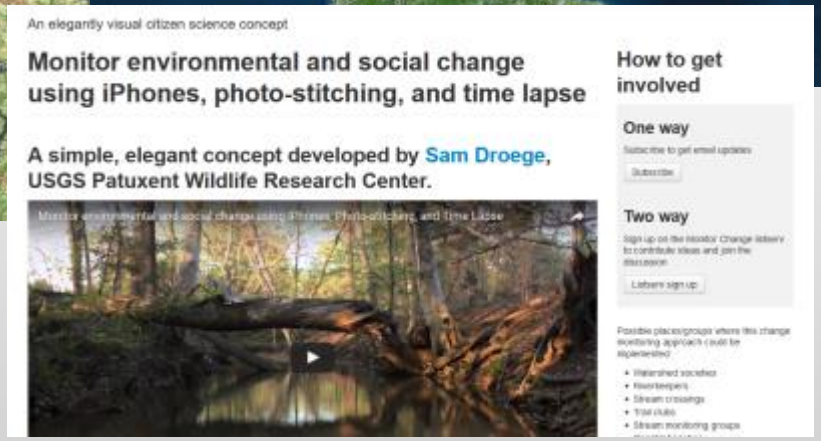
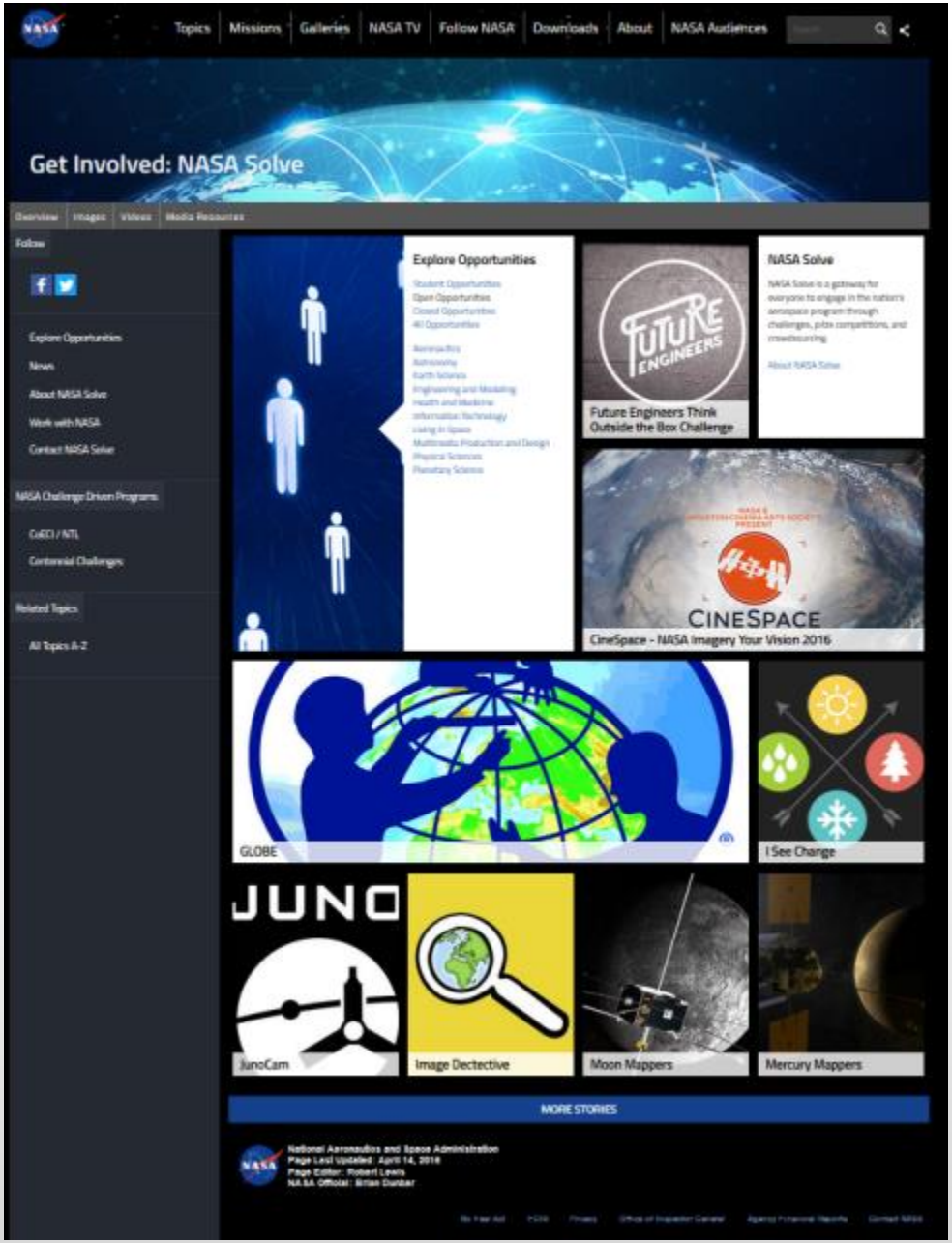
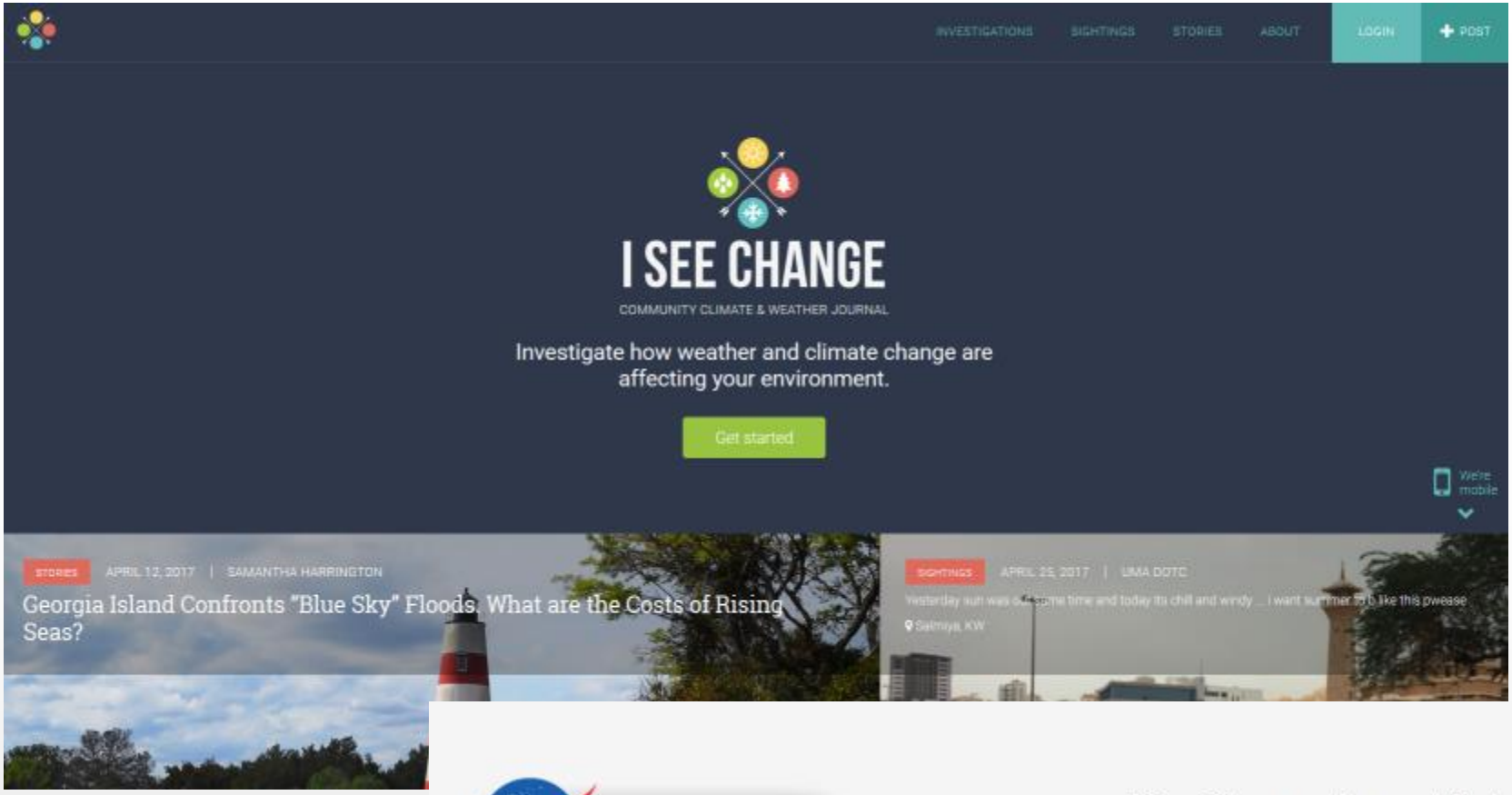






NASA Solve is an invitation to members of the public to contribute their time and expertise to advancing research, solving problems, and potentially winning prizes as a result of their work. Specific projects listed on this site that engage people in problem solving include crowdsourced challenges and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

https://www.nasa.gov/solve



https://www.iseechange.org/

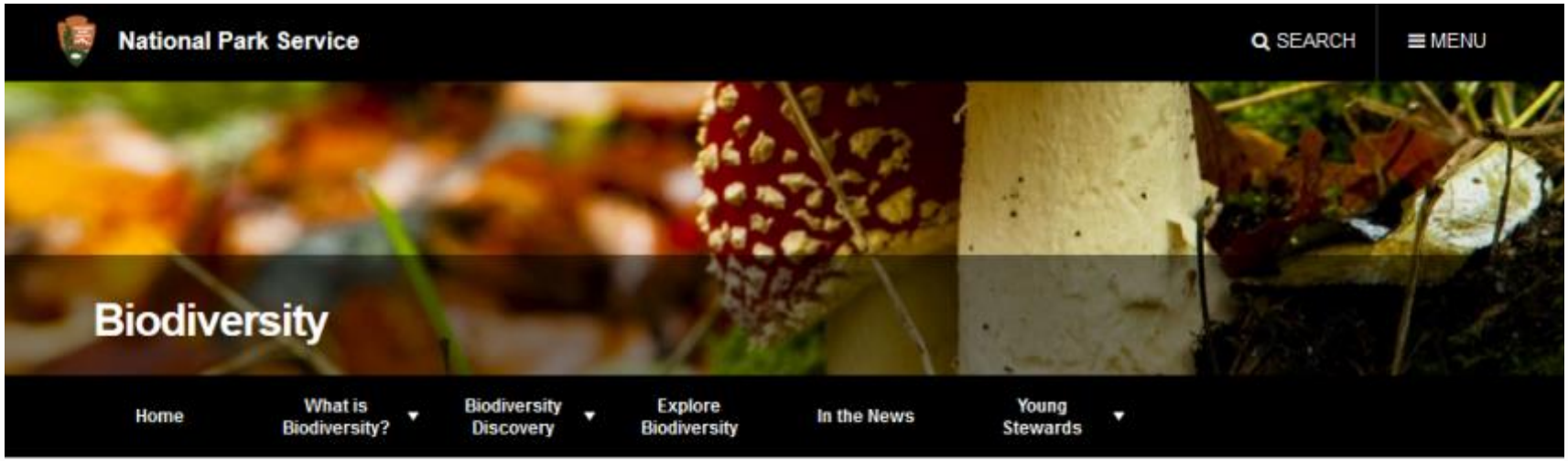
iSeeChange is mobile!

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

We also made an app with NASA! 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



National Parks BioBlitz

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

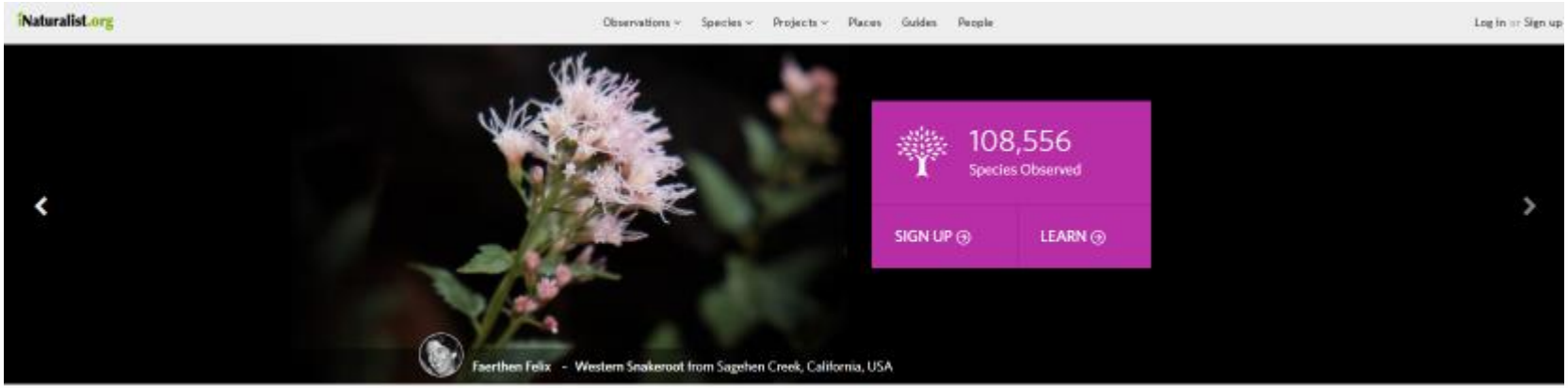
iNaturalist

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

#BioBlitz2016

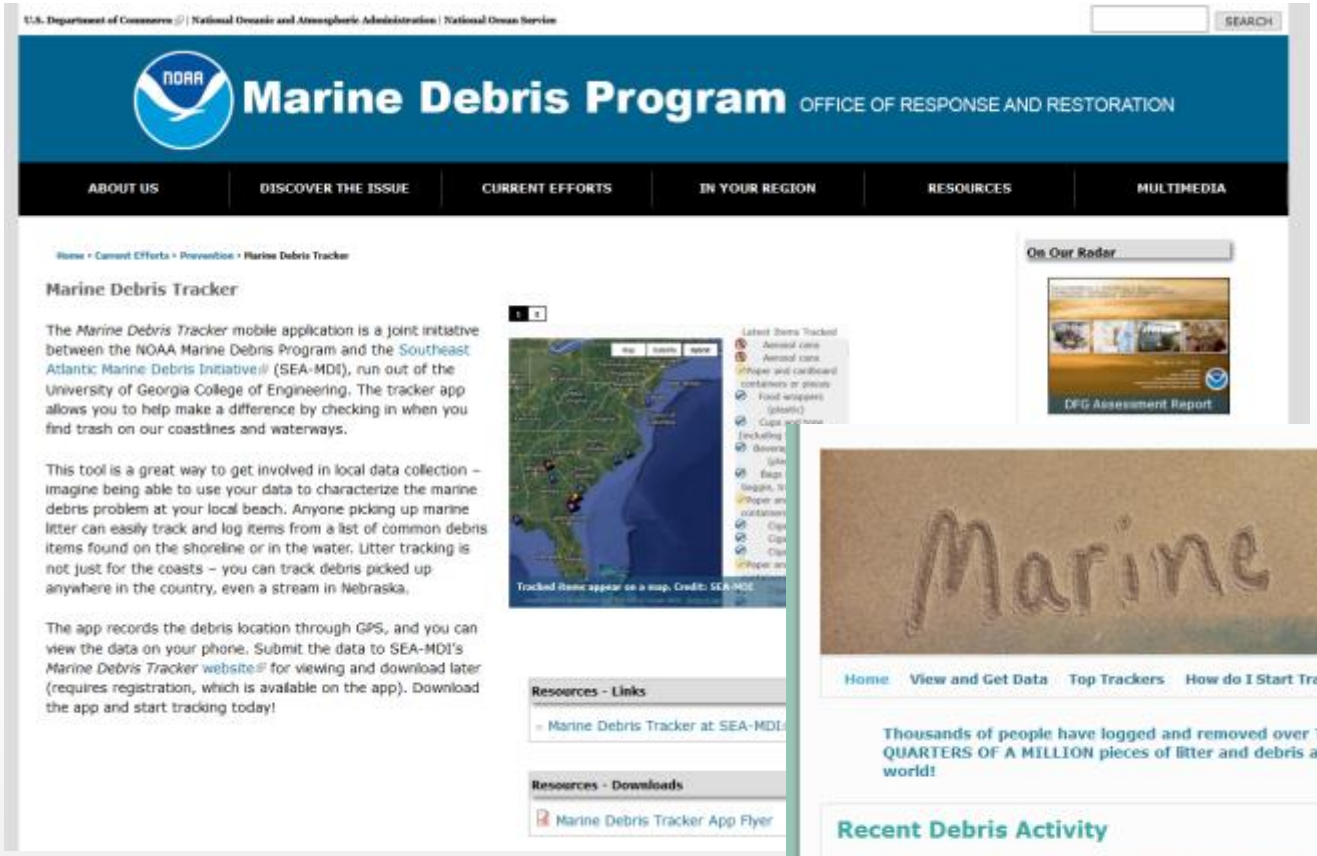
Check out exciting social media feeds and make sure you share your stories of discovery and inspiration with #BioBlitz2016.

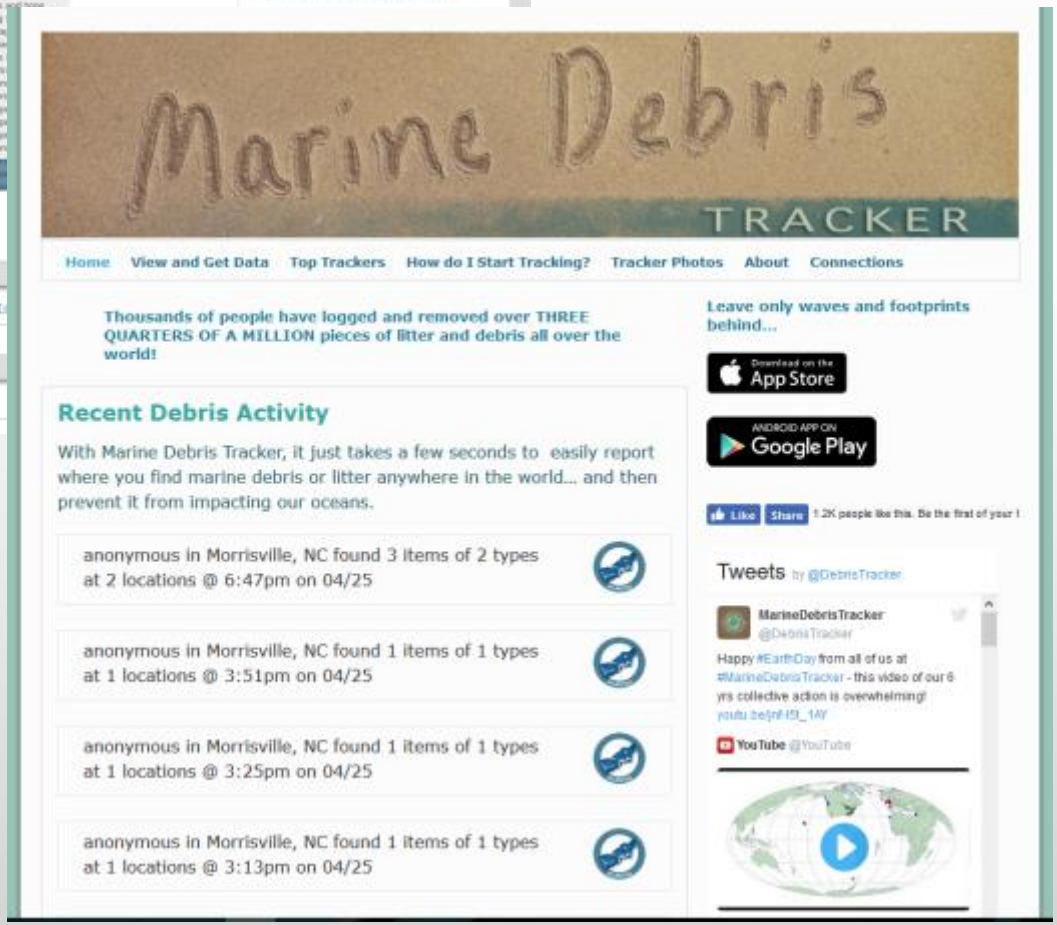
https://www.nps.gov/subjects/biodiversity/national-parks-bioblitz.htm



CALIFORNIA ACADEMY OF SCIENCES

https://www.inaturalist.org/





https://marinedebris.noaa.gov/partnerships/marine-debris-tracker

http://www.marinedebris.engr.uga.edu/

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**.

https://www.globeatnight.org/