

# Crowdsourcing and Citizen Science at Goddard Space Flight Center

## What science could you do with **10,000** volunteers?

### Our Numbers

4

areas of scientific study: Earth science, astrophysics, heliophysics, and planetary science

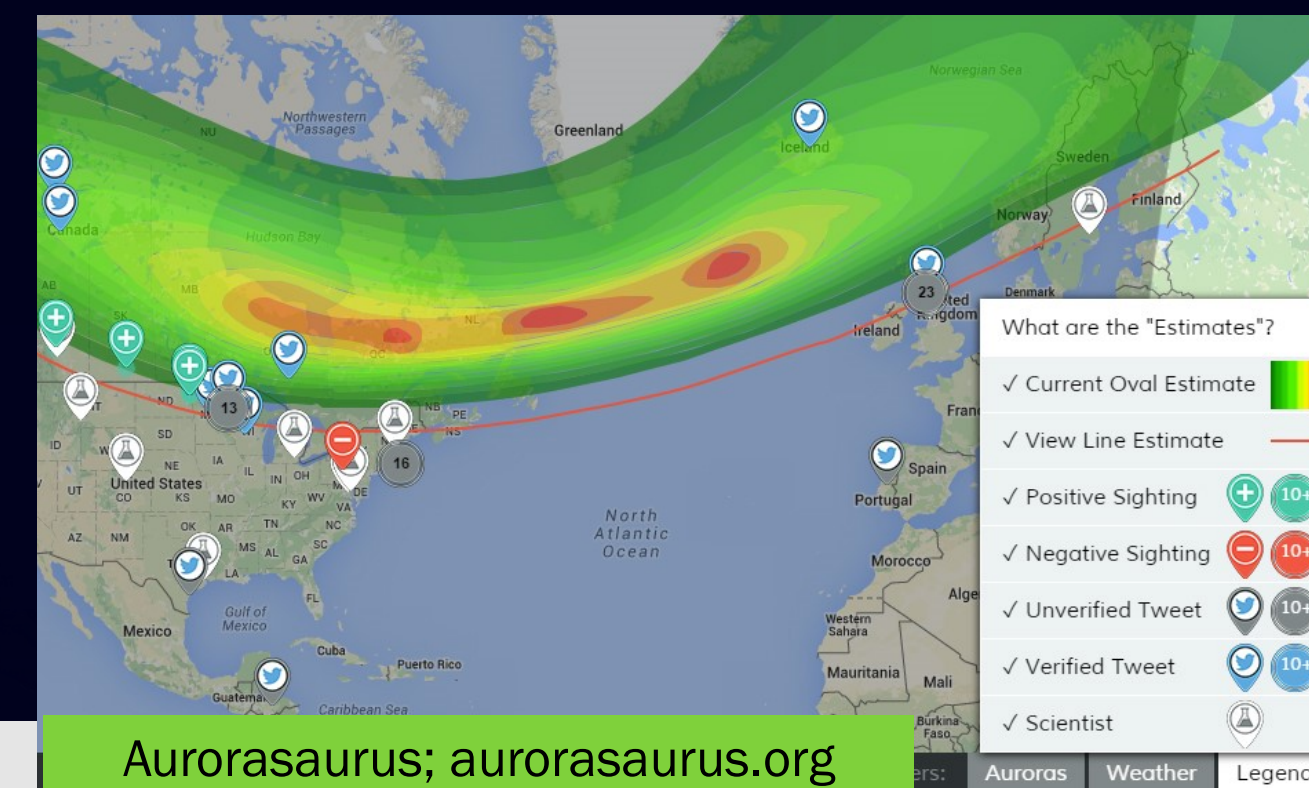
250,000

participants across all citizen science projects

103

countries involved across all citizen science projects

We are a community using the power of citizen science and crowdsourcing to advance innovative scientific discovery and science education.



Aurorasaurus; [aurorasaurus.org](http://aurorasaurus.org)



Landslide Reporter; [landslides.nasa.gov](http://landslides.nasa.gov)

### Our Members

Our members run GSFC-affiliated citizen science and crowdsourcing projects or are interested in supporting or using crowdsourcing and citizen science at GSFC. Civil servants, contractors, and those working closely with GSFC projects are welcome to join our meetings.

### Our Projects

The projects listed below have started at GSFC or have components managed at GSFC.

#### Astrophysics

- Backyard Worlds: Planet 9
- Disk Detective

#### Earth Science

- Air Quality Citizen Science
- Data Mining Twitter for Augmenting NASA Precipitation Research and Applications
- GLOBE Observer
- Landslide Reporter
- Mapping Application for Penguin Populations and Projected Dynamics (MAPPPD)

#### Heliophysics

- Aurorasaurus

#### Heliophysics/Planetary Science

- Radio JOVE

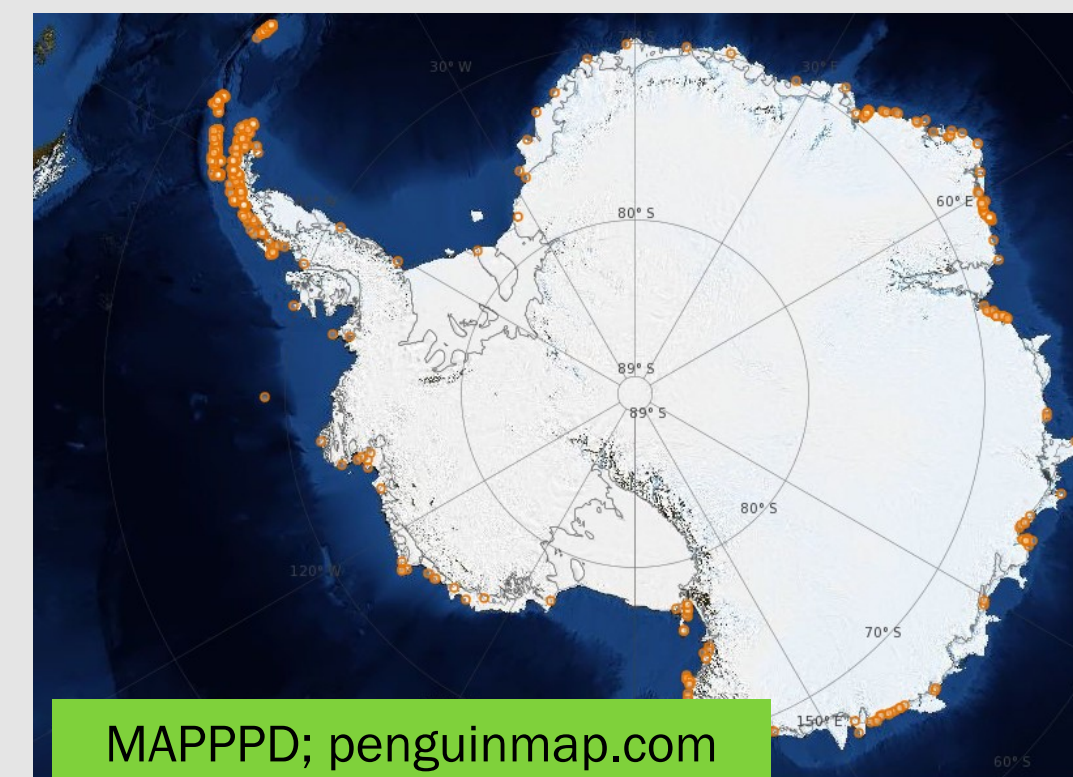
Top: Composite image of the United States at night (NASA Earth Observatory/NOAA NGDC)

Right: NASA GSFC citizen science project data viewer portals or citizen science in action, and their URLs

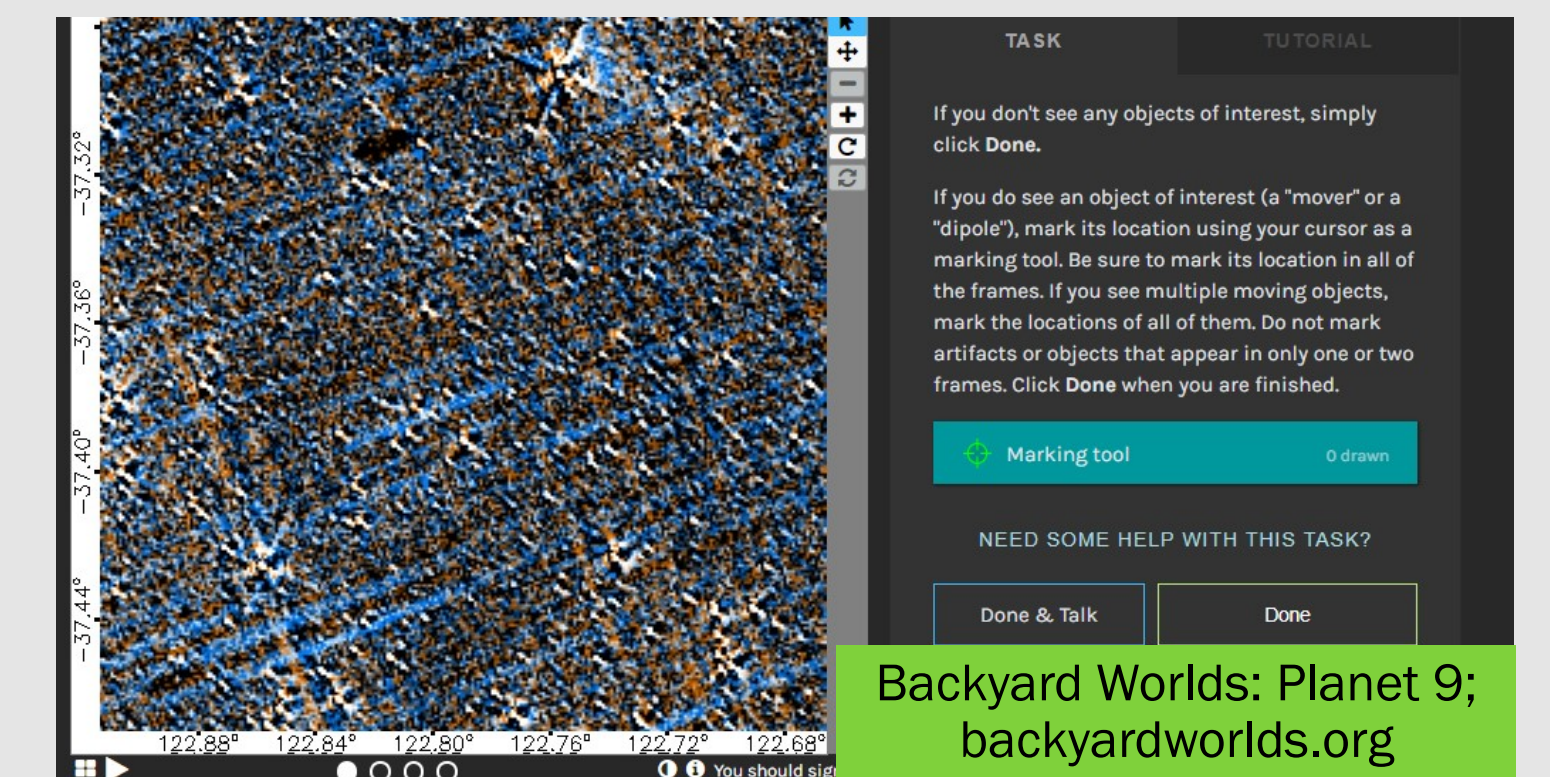
### Learn More

Visit our website: [science.gsfc.nasa.gov/600/citizen-science/](http://science.gsfc.nasa.gov/600/citizen-science/)

Get involved with our group by subscribing to the Goddard-Crowdsci mailing list: [lists.nasa.gov/mailman/listinfo/goddard-crowdsci](http://lists.nasa.gov/mailman/listinfo/goddard-crowdsci)



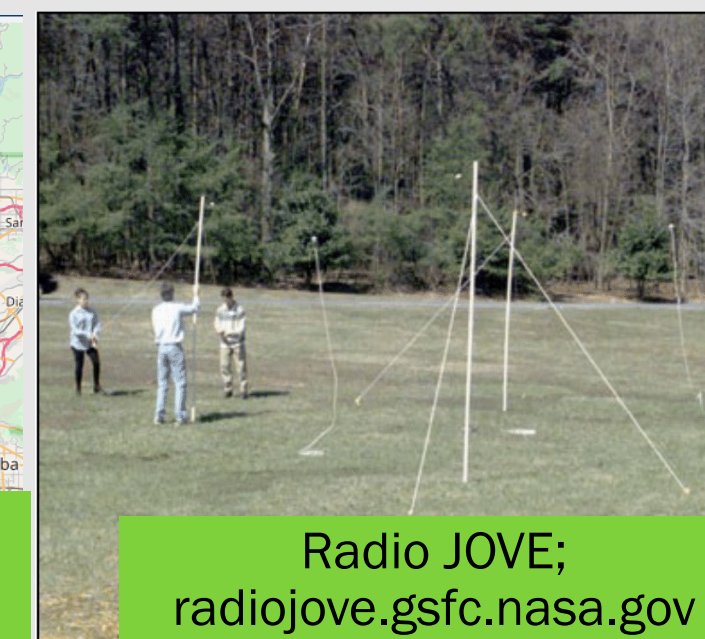
MAPPPD; [penguinmap.com](http://penguinmap.com)



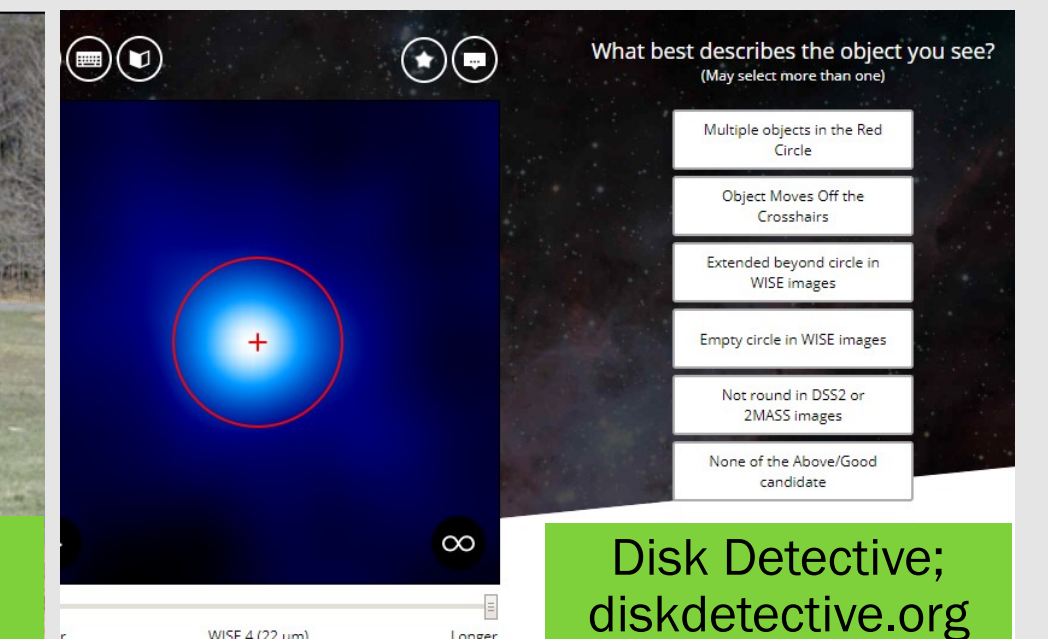
Backyard Worlds: Planet 9; [backyardworlds.org](http://backyardworlds.org)



Air Quality Citizen Science; [aqcitizenscience.rti.org](http://aqcitizenscience.rti.org)



Radio JOVE; [radiojove.gsfc.nasa.gov](http://radiojove.gsfc.nasa.gov)



Disk Detective; [diskdetective.org](http://diskdetective.org)