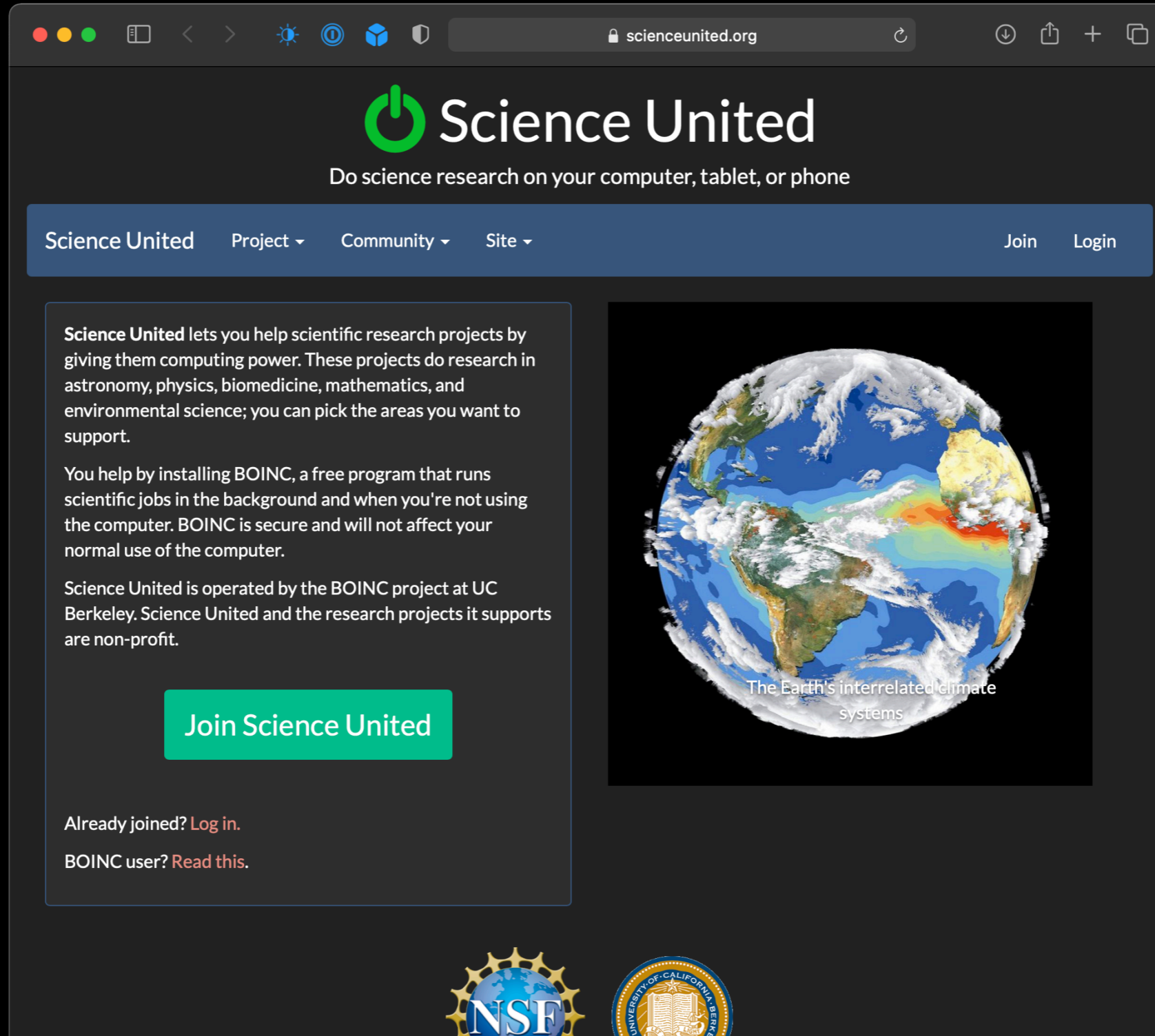


Crowdsourcing

Citizen Science

- What is your understanding of the term "crowdsourcing"?
 - Generally, this is the "practice of obtaining input or information from a large number of people via the Internet".
 - Science has been impacted by the use of distributed systems and "citizen science" to solve scientific problems.
 - Citizen science is "scientific research conducted in whole or part by distributed individuals, many of whom may not be scientists, who contribute relevant data, or computing time, to research using their own computing devices".

Crowdsourcing Citizen Science



The screenshot shows the Science United website homepage. At the top, the browser address bar displays "scienceunited.org". The main header features the Science United logo, a green power button icon, and the text "Science United" in a large, white font. Below the logo is the tagline "Do science research on your computer, tablet, or phone". A navigation bar contains links for "Science United", "Project", "Community", and "Site", along with "Join" and "Login" buttons. The main content area is divided into two columns. The left column contains text explaining the organization's mission and a prominent green "Join Science United" button. The right column features a satellite-style image of Earth with a climate overlay, captioned "The Earth's interrelated climate systems". At the bottom, logos for the National Science Foundation (NSF) and the University of California Berkeley are visible.

scienceunited.org

Science United

Do science research on your computer, tablet, or phone

Science United Project Community Site Join Login

Science United lets you help scientific research projects by giving them computing power. These projects do research in astronomy, physics, biomedicine, mathematics, and environmental science; you can pick the areas you want to support.

You help by installing BOINC, a free program that runs scientific jobs in the background and when you're not using the computer. BOINC is secure and will not affect your normal use of the computer.

Science United is operated by the BOINC project at UC Berkeley. Science United and the research projects it supports are non-profit.

[Join Science United](#)


Already joined? [Log in.](#)

BOINC user? [Read this.](#)

The Earth's interrelated climate systems

NSF UNIVERSITY OF CALIFORNIA BERKELEY



Crowdsourcing Citizen Science



The screenshot shows the BOINC website homepage. At the top, there is a navigation bar with the BOINC logo, the text "Compute for Science", a search bar, and a "Language" dropdown. Below the navigation bar, there are three main content areas. The left area contains a list of bullet points about BOINC's capabilities and its location at the University of California, Berkeley, supported by the National Science Foundation. Below this text are the logos for the University of California, Berkeley and the National Science Foundation. The middle area is a grid of links under the headings "Learn" and "Communicate/help". The "Learn" column includes links for Science projects, User manual, Add-ons, and Web resources. The "Communicate/help" column includes links for Message boards, Help, Email lists, Report bugs, Translate, Test, Document, and Publicize. Below this grid are links for Scientists and Developers. The right area is a "News" section with two articles: "2021 BOINC workshop" and "Android client available on F-Droid".

BOINC Compute for Science Search Language

- BOINC lets you help cutting-edge science research using your computer. The BOINC app, running on your computer, downloads scientific computing jobs and runs them invisibly in the background. It's easy and safe.
- About 30 science projects use BOINC. They investigate diseases, study climate change, discover pulsars, and do many other types of scientific research.
- The BOINC and Science United projects are located at the University of California, Berkeley and are supported by the National Science Foundation.

START COMPUTING!

To contribute to science areas (biomedicine, physics, astronomy, and so on) use [Science United](#). Your computer will help current and future projects in those areas.

[Join Science United](#)

Or [download BOINC](#) and choose specific projects.

News

2021 BOINC workshop

The workshop, showcasing BOINC-based research and providing an open forum, will be held online, on three Wednesdays in April: 14, 21, 28. Learn more and register at [boincworkshop.org](#).

31 Mar 2021, 20:59:44 UTC · [Discuss](#)

Android client available on F-Droid

The latest BOINC client for Android is now available from [F-Droid](#), a repository of open-source apps.

4 Mar 2021, 20:50:06 UTC · [Discuss](#)

News from BOINC Projects

Study Task

Crowdsourcing

1. Learn more about forms of crowdsourcing

- Use this [module on Khan Academy](#)
- Complete reading in the sections noted below
- Try the [four-question practice quiz](#)

Crowdsourcing with a global crowd

Collective knowledge

Crowdfunding

Human computation

Citizen science

Open innovation platforms