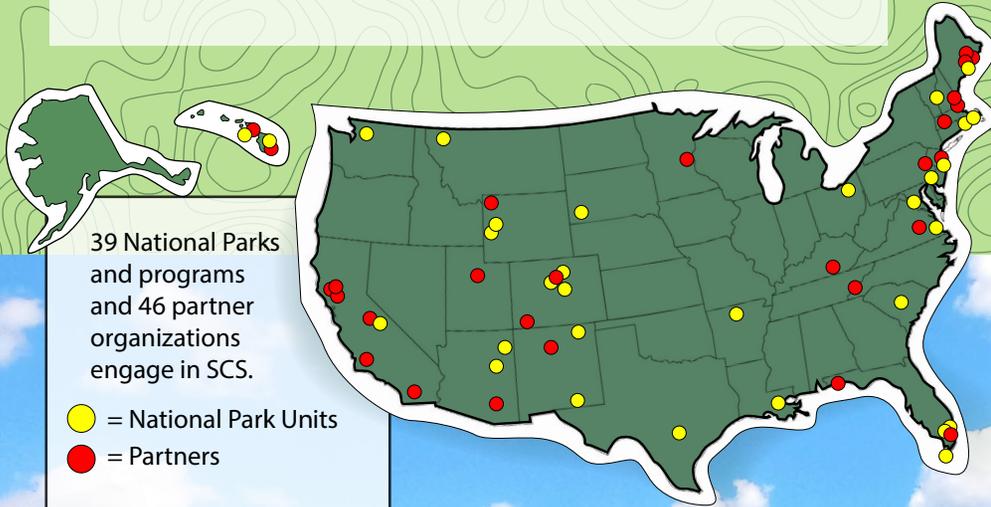


First 5 Years of

PARK SCIENCE IMPACT

2016-2021



39 National Parks and programs and 46 partner organizations engage in SCS.

● = National Park Units
● = Partners

👉 Find a list of all our parks + partners here

Second Century Stewardship (SCS) is a public-private partnership led by Schoodic Institute. It helps NPS and its partners advance the next century of science and stewardship in parks by:

- fostering a new generation of talented scientists
- telling stories of park science
- engaging the public to cultivate curiosity and critical thinking
- leveraging our impact through partnerships



Click to View





SCS FELLOWSHIPS

SCS Fellows' creative, interdisciplinary research informs management priorities for the National Park Service, including vegetation management to reduce incidence of Lyme

disease, improving connectivity of aquatic habitats, developing an early warning system for harmful algal blooms, and testing climate change adaptation techniques.

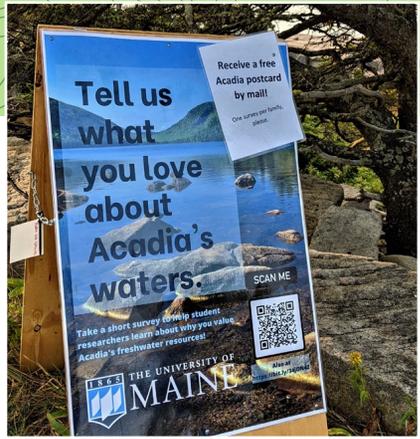


SCS awarded 12 research fellowships in Acadia National Park
Learn more about each fellow by **clicking** on their photo above.



SCS fosters a new generation of scientists to advance conservation in a rapidly changing world.

SCS Fellows have **leveraged their work in Acadia for over \$2.1 million in additional grants** to expand the reach and impact of their research across many parks and communities.



The SCS Fellowship already has facilitated valuable research and outreach collaborations with NPS scientists that will lay the foundation for my long-term research efforts. - SCS Fellow Allison Gardner

CITIZEN SCIENCE TRAINING

Engaging learners of all ages is key to park stewardship in this new century.

Since the SCS workshop, our team is creating a framework for future citizen science projects within our park and laying the groundwork for a few projects that will support our park's Strategic Action Plan and help us monitor resource changes throughout the park.

- Participant from Cuyahoga Valley National Park

SCS is enhancing the application of citizen science in parks to address stewardship challenges and **increase public engagement in science**. These trainings are advancing the practice of citizen science across public lands, from Maine to Florida and California.



SCIENCE COMMUNICATION TRAINING

Strengthening public understanding of the importance of science for parks and society through communication training and compelling, effective storytelling.

I was challenged to think of new ways to communicate my remote and sometimes complicated projects to park visitors, which was exciting!
- Participant from North Cascades National Park



SCS Communication Trainers delivered 4 science communication **workshops** across the country training teams of scientists, interpreters, park staff and partners, and shared **stories of science** with more than **1,000,000 people**.



We are applying the Second Century Stewardship approach in Sequoia and Kings Canyon National Parks and are excited to work with the SCS team to expand the approach throughout western parks.

- Christy Brigham, Chief of Resources Management and Science, Sequoia & Kings Canyon

COLLABORATIVE PROJECTS

Building partnerships to address challenges across the National Park System and local communities.



Schoodic Institute communication and engagement specialists are working with Acadia National Park, Boston Harbor Islands National Recreation Area, and Cape Cod National Seashore to incorporate coastal storm surge research into park interpretation and education programs, and **develop a regional strategy for coastal climate change communication.**



“Climate change refugia,” are parts of the landscape that are relatively buffered from climate change and could provide future habitat for vulnerable plants and animals. After pilot studies in Acadia and the Sierra Nevadas, researchers are applying **an approach to identifying and managing refugia** for wild life in the forests, streams, and shores of Northeastern national parks.



Since the **Dragonfly Mercury Project** started at Schoodic Institute in 2011, it has expanded to 100 national parks and connected thousands of students and volunteers to the magic of wetlands while collecting data on mercury pollution. This citizen science project, which has documented health risks across U.S. federal lands, exemplifies the best practices promoted in SCS training workshops.





Left to right: Nicholas Fisichelli, President & CEO, Schoodic Institute; David E. Shaw, SCS Founder; and Kevin Schneider, Superintendent, Acadia National Park

"We must not fail to cultivate the next generation of park stewards if we are to sustain park health and access for our grandchildren and their children."

- DAVID SHAW, DAVID EVANS SHAW FAMILY FOUNDATION

Join us to help reach these goals in the next five years:

- Initiate a national effort to increase NPS research capacity and impact of new and existing research fellowship and grant programs in national parks
- Award 15 additional research fellowships in Acadia National Park
- Expand science communication and citizen science trainings to 30 additional NPS units, other land management agencies, and partner organizations
- Support communities of practice for science communication and citizen science across national parks
- Facilitate collaborative solutions to improve science and science access and engagement in national parks, building on the work of research fellows

To discover how you, your business or organization can partner with SCS, contact Nicholas Fisichelli, President & CEO, Schoodic Institute:
nfisichelli@schoodicinstitute.org

We welcome philanthropic investors and sponsors with vision to make a difference