Participatory Science

Description:
We seek to support participatory science through the development or innovative use of data-driven, technology-powered tools that will increase the understanding, preservation, and protection of our planet. Applicants should design and/or implement tools that support citizen science work, particularly data collection or data analysis, in ways that create learning experiences for citizen scientists, including students.

Priority will be given to research, education, and technology projects that create and execute new digital applications, transform existing applications and products, or use current technologies to do one or more of the following:

- Teach students and other citizen scientists about the planet using experiential, crowdsourced technology
- Encourage students and other citizen scientists who engage with these technologies and projects to build the attitudes, skills, and knowledge necessary to become stewards of the planet and contribute to solving real-world issues
- Generate data and/or develop open-source technologies that contribute to scientific inquiry and advance our understanding of the planet

Additionally, all applicants should include a technologist on the project team and detail how applicants will share regular feedback from the project with citizen scientists; document a basic outline to create, implement, and evaluate participation; and note any scientific or educational outputs, technology used and/or created, data quality, participant experience, outreach plans for activating the public (including students), potential planetary impacts, and considerations for legal and ethical issues surrounding intellectual property, data sharing, and attribution.

Participation and data generation are of equal importance. Participation must be free for all users and cannot incorporate for-profit activities. Technologies might include mobile applications, web-based applications, or hardware and sensors with direct citizen science usage. Projects should create learning experiences through the collection of data and/or ground-truthing of data relevant to the trends or status of threatened and poorly known species, ecosystems, or human cultural/linguistic diversity.

Sponsor: National Geographic Society
Solicitation link: https://www.nationalgeographic.org/funding-opportunities/grants/what-we-fund/par...
Funding amount: $10,000
Sponsor deadline: Wednesday, July 10, 2019
Other information:
For projects collecting biodiversity occurrence records, National Geographic is especially interested in supporting projects that use iNaturalist. Biodiversity projects that do not use iNaturalist should clearly explain why different tools/platforms/methods are more appropriate.

When applying for this RFP, please select Our Changing Planet in the Lens dropdown menu on the Project Description tab of the application.
We do not usually consider applications that support strictly laboratory or collections work. Grants are awarded on the basis of merit and exist independent of the Society's other divisions.

Please note that this is a highly competitive grant program; we receive many more applications than we are able to fund.

Project start dates should be a minimum of six months after the submission deadline to ensure any awarded funds are received in time.

RODA ID: 628
Last Updated: Tuesday, June 18, 2019
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