





FUNDER	PROGRAM	DESCRIPTION	DEADLINES
USDA	Sustainable Agriculture Research and Education (SARE) Regional Host Institution	Seeks applications under the Sustainable Agriculture Research and Education Program (SARE) from institutions to serve as a: 1. Regional Host Institution (RHI) or as the 2. National Reporting, Coordinating, and Communications Office (NRCCO).	Nov. 14, 2022
NSF	Dynamics of Integrated Socio-Environmental Systems (DISES)	Supports research projects that advance basic scientific understanding of integrated socio-environmental systems and the complex interactions (dynamics, processes, and feedbacks) within and among the environmental (biological, physical and chemical) and human ("socio") (economic, social, political, or behavioral) components of such a system. The program seeks proposals that emphasize the truly integrated nature of a socio-environmental system versus two discrete systems (a natural one and a human one) that are coupled.	Nov. 15, 2022
NSF	Organismal Response to Climate Change	Calls for proposals that integrate the study of genomic, physiological, structural, developmental, neural, or behavioral mechanisms of organismal response to climate change (ORCC) with eco-evolutionary approaches to better manage the effects of a rapidly changing climate on earth's living systems.	Nov. 15, 2022
DOE	Bipartisan Infrastructure Law Section 41006(a)(1). Water Power Projects: Stakeholder Insight into Hydropower R&D Issues	seeks to support the efforts of a diverse group of hydropower stakeholders to work together to discuss and address issues regarding the modernization of the U.S. hydropower fleet, the sustainability of hydropower systems, and the impact of hydropower facilities on the environment.	Nov. 18, 2022
NOAA	Climate Program Office FY 2023	Seeks applications for eight individual competitions relevant to four high-priority climate risk areas CPO is focusing on to improve science understanding and/or capabilities that result in user-driven outcomes: Coastal Inundation, Marine Ecosystems, Water Resources, and Extreme Heat.	Nov. 21, 2022
DOE	Funding Opportunity in Support of the Hydrogen Shot and a University Research Consortium on Grid Resilience	Supports projects that address two unique areas of interest: one with topic areas focused on supporting the DOE Hydrogen Shot on behalf of the Hydrogen and Fuel Cell Technologies Office and a second EERE-wide topic area focused on grid resilience through a university research consortium.	Dec. 1, 2022
DOE	Marine Energy Systems Innovation at Sea	Aims to accelerate the development and testing of renewable marine energy technologies with a focus on wave and ocean current resources.	Dec. 2, 2022 (Concept); Feb. 23, 2023 (Full)
EPA	Developing and Demonstrating Nanosensor Technology to Detect, Monitor, and Degrade Pollutants	Supports research to develop and demonstrate nanosensor technology with functionalized catalysts that have potential to degrade selected contaminants in addition to detecting and monitoring pollutants.	Dec. 7, 2022
DOE	Bipartisan Infrastructure Law Section 40334: Pumped Storage Hydropower Wind and Solar Integration and System Reliability Initiative	Grants to carry out project design, transmission studies, power market assessments, and permitting for a pumped storage hydropower (PSH) project to facilitate the long-duration storage of intermittent renewable electricity.	Dec. 15, 2022



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EPA	Understanding and Control of Municipal Solid Waste Landfill Air Emissions	Seeks applications proposing research on municipal solid waste landfill air emission, specifically research that addresses the following research priorities: (1) How can cost effective stationary, mobile, aerial, and remote sensing technologies be combined to more easily and accurately quantify landfill methane emissions, hazardous air pollutants (HAPs), and other air pollutant emissions from municipal solid waste (MSW) landfills?; and (2) How can cost effective stationary, mobile, aerial, and remote sensing measurements be used to increase ease of use and evaluate mitigation strategies and technologies to identify best landfill management practices?	Dec. 21, 2022
DOI	FY22 Recovery Implementation	Supports the implementation of priority recovery actions for federally endangered and threatened species.	Dec. 31, 2022
EPA	Environmental Education Grants	Support environmental education projects that promote environmental awareness and stewardship and help provide people with the skills to take responsible actions to protect the environment.	*Late 2022 (Last: Dec. 6, 2021)
NEH	Climate Smart Humanities Organizations	Helps humanities organizations to anticipate operational, physical, and financial impacts of climate-related events on their institutions, while also reducing their own impact on the environment.	Jan. 17, 2023
NSF	Human-Environment and Geographical Sciences Program	Supports basic scientific research about the nature, causes and/or consequences of the spatial distribution of human activity and/or environmental processes across a range of scales.	Jan. 17, 2023
NOAA	Climate Program Office (CPO) Adaptation Sciences: Interdisciplinary research, engagement and capacity building to advance adaptation and resilience in islands of the Caribbean and the Pacific	Seeks proposals for interdisciplinary adaptation research activities to identify and better understand evolving climate -related risks, vulnerabilities, and adaptive capacity and foster the integration of this knowledge into adaptation and resilience planning for islands in the Caribbean and Pacific.	Jan. 31, 2023
NSF	Environmental Convergence Opportunities in Chemical, Bioengineering, Environmental, and Transport Systems (ECO-CBET)	Supports fundamental research activities that confront vexing environmental engineering and sustainability problems by developing foundational knowledge underlying processes and mechanisms such that the design of innovative new materials, processes, and systems is possible.	Jan. 31, 2023 (Full)
NIH	Research to Action: Assessing and Addressing Community Exposures to Environmental Contaminants (R01 Clinical Trial Optional)	Encourages multidisciplinary projects to investigate the potential health risks of environmental exposures of concern to a community and to develop and implement an environmental public health action plan based on research findings.	Feb. 5, Jun. 5 Oct. 5 (new)
DOE	Research Opportunities in Accelerator Stewardship	Supports cross-cutting use-inspired basic research and development (R&D) to advance accelerator science and technology (AS&T) and domestic supplier development that supports SC's activities in physical sciences research.	*Spring 2023 (Last: Apr. 26, 2022)



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DOI	Multistate Conservation Grant (MSCG) Program	Funds projects that address regional or national level priorities of state fish and wildlife agencies. FY 2022 priorities are: Conservation & Science; Relevancy & Inclusion Participation; Coordination, Capacity Building & Fish and Wildlife Agencies Support; Trust Fund Stewardship; AFWA Priorities Identified in AFWA Funding Principles; and Recruitment, Retention, Reactivation.	*Spring 2023 (Last: May 18, 2022)
USDA	AFRI Sustainable Agricultural Systems	Supports research on approaches that promote transformational changes in the U.S. food and agriculture system. NIFA seeks creative and visionary applications that take a systems approach for projects are expected to significantly improve the supply of affordable, safe, nutritious, and accessible agricultural products, while fostering economic development and rural prosperity in America.	*Mid-2023 (Last: Jul. 28, 2022)
DOE	FY2023 Continuation of Solicitation for the Office of Science Financial Assistance Program	Supports research in the following program areas: Advanced Scientific Computing Research, Basic Energy Sciences, Biological and Environmental Research, Fusion Energy Sciences, High Energy Physics, Nuclear Physics, Isotope R&D and Production, and Accelerator R&D and Production.	Sep. 30, 2023
USDA	AFRI Sustainable Bioeconomy through Biobased Products	Supports research on developing biomass systems, and producing biobased products or biomass generated power to enable the bioeconomy, and in a manner, which reduces adverse impacts to the environment.	*Fall 2023 (Last: Sep. 1, 2022)
USDA	AFRI Sustainable Agroecosystems: Health, Functions, Processes and Management	Supports research projects that focus on improvement of ecosystem health and productivity in managed systems (croplands, forests, grasslands and rangelands) that are currently under stress and at risk from climate, pests, pathogens, invasive plants, and increased environmental pressures.	*Fall 2023 (Last: Sep. 15, 2022)
NSF	Critical Aspects of Sustainability (CAS)	Supports basic research through core disciplinary programs aimed at improving the sustainability of resources for future generations while maintaining or improving current products in order to offer technologically-advanced, economically competitive, environmentally-benign and useful materials to a global society. Dear Colleague Letter highlights the following priorities: Reduce Greenhouse Gas (GHG) Emissions and Energy Use; Energy Innovations Relevant to Climate Change Mitigation; Enhance GHG Sequestration; Accelerating Strategies for Climate Change Adaptation; and Research Addressing Synergistic Topics.	Varies by program
FDN	Open Space Institute	Provides grants that support the strategic use of land protection to address climate change and water quality in select geographies in the eastern U.S.	Varies by program
FDN	National Fish and Wildlife Foundation	Supports more than 70 grant programs to protect and restore our nation's wildlife and habitats. Educational institutions and nonprofit organizations are welcome to apply for matching grants under its conservation priority programs.	Varies by program
USDA	Sustainable Agriculture Research and Education (SARE)	Encourages research and outreach designed to increase knowledge concerning agricultural production systems that: maintain and enhance the quality and productivity of the soil; conserve soil, water, energy, natural resources, and fish and wildlife habitat; maintain and enhance the quality of surface and ground water; protect the health and safety of persons involved in the food and farm system; promote the well-being of animals; and increase employment opportunities in agriculture.	Varies by program



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DOE	Energy Frontier Research Centers	Supports multi-disciplinary teams proposing both discovery science and use-inspired basic research that addresses priority research directions and opportunities identified by a series of BES workshop and roundtable reports; encourages applications that propose fundamental chemical sciences, materials sciences, geosciences, and biosciences research that will enable future clean energy technologies and advanced manufacturing.	*Spring 2024 (Last: May 16, 2022)
NSF	Building Synthetic Microbial Communities for Biology, Mitigating Climate Change, Sustainability and Biotechnology	Supports research that addresses one or more of the three themes: 1) define the underlying mechanisms or rules that drive the formation, maintenance or evolution of synthetic microbial communities, 2) use synthetic microbial communities to address fundamental biological questions, including questions in molecular biology, cellular/organismal biology, ecology and evolution and/or 3) build synthetic communities with biotechnology, bio-economy or environmental engineering applications.	Aug. 1, 2024
NOAA	FY 2021-24 Broad Agency Announcement (BAA)	Supports research, education and outreach, innovative projects, or sponsorships that are not addressed through NOAA's competitive discretionary programs. Priorities include: Climate Adaptation and Mitigation; Weather-Ready Nation; Healthy Oceans; Resilient Coastal Communities and Economies.	Rolling through Sep. 30, 2024
FDN	Charles Stewart Mott Foundation	Partners with groups in North America and around the world to advance the cause of sustainability, through four primary programs: (1) Advancing Climate Change Solutions; (2) Transforming Development Finance; (3) Addressing the Freshwater Challenge; and (4) Special Initiatives.	Rolling
FDN	David & Lucile Packard Foundation	The Conservation and Science Program invests in action and ideas that conserve and restore ecosystems while enhancing human well-being.	Rolling
FDN	Doris Duke Charitable Fund	The Environment Program seeks to ensure a thriving, resilient environment for wildlife and people, and foster an inclusive, effective conservation movement.	Rolling
NSF	Climate and Large-Scale Dynamics (CLD)	Seeks to: (i) advance knowledge about the processes that force and regulate the atmosphere's synoptic and planetary circulation, weather and climate, and (ii) sustain the pool of human resources required for excellence in synoptic and global atmospheric dynamics and climate research.	Rolling
NSF	Environmental Biology	Supports research and training on evolutionary and ecological processes acting at the level of populations, species, communities, and ecosystems.	Rolling
NSF	Environmental Engineering	Supports transformative fundamental research that applies scientific and engineering principles to 1) prevent, minimize, or re-use solid, liquid, and gaseous discharges of pollution to soil, water, and air by closing resource loops or through other measures; 2) mitigate the ecological and human-health impacts of such releases by smart/adaptive/reactive amendments or manipulation of the environment, and 3) remediate polluted environments through engineered chemical, biological, and/or geo-physical processes.	Rolling
NSF	Environmental Sustainability	Seeks to promote sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems.	Rolling



FUNDER	PROGRAM	DESCRIPTION	DEADLINES
NSF	Humans, Disasters, and the Built Environment (HDBE)	Supports fundamental, multidisciplinary research on the interactions between humans and the built environment within and among communities exposed to natural, technological and other types of hazards and disasters.	Rolling
NSF	Long Term Research in Environmental Biology	Supports the generation of extended time series of data to address important questions in evolutionary biology, ecology, and ecosystem science.	Rolling
NSF	Nanoscale Interactions	Supports research to advance fundamental and quantitative understanding of the interactions of nanomaterials and nanosystems with biological and environmental media.	Rolling
NSF	Paleoclimate	Supports research on the physical, chemical and biological processes that influence the Earth's climate over the long term and enables understanding of present climate variability and future trends.	Rolling
FDN	Rockefeller Brothers Foundation	Sustainable Development program advances global stewardship that is ecologically based, economically sound, socially just, culturally appropriate, and consistent with intergenerational equity.	Rolling
FDN	MacArthur Foundation	Climate Solutions program concentrates on reducing greenhouse gas emissions (carbon dioxide, methane, etc.) from energy-related sources.	By invitation only



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