GRANTS CALENDAR

ENVIRONMENTAL SUSTAINABILITY

UPDATED: NOV 2023

NOTE: ALWAYS VERIFY WITH OFFICIAL FUNDER GUIDELINES

★ EXPECTED

↻ ROLLING

⚑ MULTIPLE DEADLINES ACROSS YEAR

FULL CALENDAR

FUNDER	PROGRAM	DESCRIPTION	DEADLINES
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.	Nov. 17, 2023
NOAA	**Transformational Habitat Restoration and Coastal Resilience Grants Under the Bipartisan Infrastructure Law and Inflation Reduction Act**	Supports transformational habitat restoration and coastal resilience projects under the Bipartisan Infrastructure Law and Inflation Reduction Act.	Nov. 17, 2023
DOE	**Materials, Operation, and Recycling of Photovoltaics (MORE PV) - Funded in part by BIL**	Designed to address challenges associated with the rapid deployment of PV systems in the United States, including the increasing demands on PV materials, system operation and maintenance, and recycling.	Nov. 28, 2023
DOE ARPA-E	**Seeding Critical Advances for Leading Energy Technologies with Untapped Potential 2023 (SCALEUP 2023)**	Provides a vital mechanism for the support of innovative energy R&D that complements ARPA-E's primary R&D focus on early-stage transformational energy technologies that still require proof-of-concept, supporting the scaling of high-risk and potentially disruptive new technologies across the full spectrum of energy applications.	Dec. 5, 2023
DOE	**University Turbine Systems Research (UTSR)**	Targeted at investigating scientific and engineering principles governing the design and operation of gas turbines in support of the Department of Energy (DOE) Office of Fossil Energy and Carbon Management's Advanced Turbines Program goals; current technical areas of interest include combustion, aerodynamics, heat transfer, materials, technology development for supercritical carbon dioxide-based power cycles, and oxy-fuel combustion turbine-based systems and technology.	Dec. 5, 2023
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.	Dec. 13, 2023
NOAA	**2024 Bycatch Reduction Engineering Program**	Supports applied management projects and activities to reduce bycatch and development and testing of fishing gears that minimize bycatch and habitat impacts. Five high-priority areas for FY 2024: Researching new technology; Encouraging technology adoption; Reducing post-release mortality; Avoiding habitat interactions; and Conducting international research.	Dec. 15, 2023 (Pre); Mar. 20, 2024 (Full)
DOE	**Buildings Energy Efficiency Frontiers & Innovation Technologies (BENEFIT) – 2024**	Supports the development of planning and strategies for utilizing organic waste as a feedstock for various transportation fuel end products.	Dec. 18, 2023 (Concept); Mar. 5, 2024 (Full)
NOAA	**Coastal Habitat Restoration and Resilience Grants for Tribes and Underserved Communities, Under the BIL and IRA**	Supports community-driven habitat restoration and build the capacity of tribes and underserved communities to more fully participate in restoration activities.	Dec. 19, 2023

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DOE ARPA-E	**Inspiring Generations of New Innovators to Impact Technologies in Energy 2024 (IGNIITE 2024)**	Aims to support early-career innovators seeking to convert disruptive and unconventional ideas into impactful new technologies across the full spectrum of energy applications.	Jan. 5, 2024
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.	Jun. 5, Oct. 5, Feb. 5 (new)
DOE	**Solar-thermal Fuels and Thermal Energy Storage via Concentrated Solar-thermal Energy**	Focuses on concentrating solar-thermal energy for electricity and other uses, supporting projects that will accelerate the development of solar-thermal energy storage for fuels, other industrial applications, and power production.	Jan. 12, 2024
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. 16, 2024; Aug. 20, 2024
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, 2024 (Full); Sep. 17, 2024 (Pre)
DOI	**FY24 National Climate Adaptation Science Center Program (NCASC)**	Seeks to identify applicant organizations to host and serve as consortium partners for a U.S. Geological Survey (USGS) Climate Adaptation Science Center (CASC) in the North Central and Southwest regions.	Feb. 1, 2024
NOAA	**FY24 NOAA New England Bay Watershed Education and Training (B-WET)**	Promotes place-based experiential learning for K–12 students and related professional development for teachers; New England B-WET focuses on the priorities and challenges facing New England watersheds by helping students and teachers apply scientific methods and tools to understand and appreciate their local watershed system.	Feb. 20, 2024
DOC	**FY 2023 Regional Technology and Innovation Hub Program Phase 2**	Subject to the availability of funds, awards will seek to strengthen U.S. economic and national security through place-based investments in regions with the assets, resources, capacity, and potential to become globally competitive Tech Hubs, within approximately ten years, in the technologies and industries of the future, and for those industries, companies, and the good jobs they create to start, grow, and remain in the United States.	Feb. 29, 2024
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 2024 (Last: Mar. 31, 2023)
DOE	**Distributed Energy Systems Demonstrations**	Funds transformative, at-scale projects within distribution systems that demonstrate approaches to integrate grid-edge renewable and distributed energy systems with broader energy networks.	Apr. 15, 2024

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DOE	**Bipartisan Infrastructure Law (BIL) Grid Resilience and Innovative Partnerships (GRIP)**	Supports activities that will modernize the electric grid to reduce impacts due to extreme weather and natural disasters, seeking to: 1. Transform the U.S. electric grid at the transmission and distribution levels by increasing resilience in the face of extreme disruptions, enabling datarich and flexible grid performance, and spurring innovation at all stages of project ideation and execution; 2. Prioritize energy justice as an essential component of infrastructure development by dramatically altering the relationship between energy providers and their communities; and 3. Catalyze and leverage private sector and non-federal public capital for impactful technology and infrastructure deployment.	Apr. 17, 2024
NIH	**Environmental Health Sciences Core Centers (EHSCC) (P30 Clinical Trial Optional)**	Aims to identify and capitalize on emerging issues that advance understanding of the relationships among environmental exposures, human biology, and disease.	Apr. 19, 2024
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.	*Spring/Summer 2024 (Last: Apr. 13 & Jul. 13, 2023 for Pre and Full)
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)
DOE	**Small Innovative Projects in Solar (SIPS): Concentrating Solar-Thermal Power and Photovoltaics**	Supports seedling R&D projects that focus on innovative and novel ideas in photovoltaics (PV) and concentrating solar-thermal power (CSP) and are riskier than research ideas based on established technologies.	*Summer 2024 (Last: Jun. 1, 2023)
DOI	**FWS U.S. Standard Grants Program**	A competitive, matching grant program that supports public-private partnerships carrying out projects in the United States that further the goals of the North American Wetlands Conservation Act.	*Jul. 2024 (Last: Jul. 7, 2023)
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
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.	*Sep 12, 2024
NSF	**Design for Environmental Sustainability in Computing**	Supports foundational research addressing the substantial environmental impacts of computing; projects should surpass studies of energy efficiency alone, pursuing dramatic improvements to overall sustainability.	Sep. 13, 2024 (Types I & II); Rolling (Type III)

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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
DOE	**FY2024 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, 2024
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	**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
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
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
FDN	**MacArthur Foundation**	Climate Solutions program concentrates on reducing greenhouse gas emissions (carbon dioxide, methane, etc.) from energy-related sources.	By invitation only
FDN	**Pisces Foundation**	Provides grants through three programs: Climate and Energy; Environmental Education; and Water.	By invitation/RFP only
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
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

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FDN	**David & Lucile Packard Foundation**	Provides wide-ranging support for environmental initiatives in the areas of Climate, Ocean, Science, and Agriculture, Livelihoods, and Conservation.	Rolling
NSF	**Division of Environmental Biology (DEB)**	Supports research and training on evolutionary and ecological processes acting at the level of populations, species, communities, and ecosystems.	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	**Environmental Engineering**	Supports fundamental research focused on reducing pollution and its environmental and human impacts through closing resource loops; smart amendments; environmental manipulation; or remediation with engineered 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
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	**NSF-NIST Interaction in Basic and Applied Scientific Research**	Designed to facilitate collaborative research and educational activities among NIST scientific and engineering staff and researchers supported by NSF.	Rolling
FDN	**Oak Foundation**	Awards grants under an Environment program under three focus areas: Energy, Food, and Nature.	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

ABOUT HANOVER

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Hanover provides research development, grant writing, and strategic advising support to a wide range of colleges and universities. Our professionals deliver customized proposal review, revision, and production support, while also helping to align strategic priorities to funding trends and opportunities at all levels.

OUR SOLUTIONS

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- Grants Training
- Benchmarking & Best Practices
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- Funding Opportunity Analysis
- Prospect Research
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PRE-PROPOSAL ACTIVITIES

- Faculty Consult
- Outreach Strategy
- Concept Paper Development

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- Proposal Review
- Proposal Revision
- Proposal Research
- Proposal Support

PROPOSAL DEVELOPMENT

- LOI/Pre-Proposal Production
- Proposal Production (Foundation)
- Proposal Production (Federal)

Please contact us at info@hanoverresearch.com to learn more.