## NSF Dear Colleague Letters and other opportunities relevant to the Directorate for Geosciences (GEO) and the Division of Earth Sciences (EAR)

GEO Priority Areas DCLs	NSF ID
Extreme, Compound, and Cascading Hazards (EC2H)	NSF 23-125
GEO EMPowering Broader Academic Capacity and Education (GEO-EMBRACE)	NSF 23-058
Novel Approaches to Critical Minerals Research in the Geosciences (GEO-CM)	NSF 23-057

Other GEO DCLs	
Opportunities for Research and Education in the Critical-Zone (ORE-CZ2)	NSF 24-034
Build a Resilient Planet	NSF 24-022
Seafloor Geodesy	NSF 24-016
Supporting Workshops to Develop a Strategy for the NSF Arctic Observing Network (AON)	NSF 23-052
Program	
Advancing Research in the Geosciences Using Artificial Intelligence (AI) and Machine	NSF 23-046
Learning (ML)	
Directorate for Geosciences (GEO) Opportunity for Graduate Students Supplemental	NSF 23-112
Funding to Link Geosciences and Human Health (GeoHealth INTERN)	
Clean Energy Technology RAISE or EAGER Proposals	NSF 23-109
Conference Proposals on Clean Energy Topics	NSF 23-108
Advancing Research in the Geosciences Using Legacy Scientific Ocean Drilling Cores	NSF 23-070
Dear Colleague Letter Supporting Open Polar Research Software	NSF 23-053
Directorate for Geosciences (GEO) Call for High Priority GEO-Themed IUCRCs (Industry-	NSF 22-121
University Cooperative Research Centers)	
New Timeline for Competition of Operations and Management of an NSF-supported	NSF 21-097
Geophysical Facility to Succeed the GAGE and SAGE Facilities	

Relevant Cross NSF DCLs	
Leveraging Cyberinfrastructure for Research Data Management (RDM)	NSF 24-085
Using Long-Term Research Associated Data (ULTRA-Data)	NSF 24-081
Catalyzing human-centered solutions through research and innovation in science, the	NSF 24-074
environment and society	
Innovative Use of Scientific Collections (IUSC)	NSF 24-069
Emerging Mathematical Tools applied to Ecology and Evolution of Infectious Disease	NSF 24-067
Global Centers Program Competition	NSF 24-023

## NSF Dear Colleague Letters and other opportunities relevant to the Directorate for Geosciences (GEO) and the Division of Earth Sciences (EAR)

Relevant Cross NSF DCLs (cont.)NSF IDCapacity Building to Catalyze Collaborations to Address Climate Change Impacts on HumanNSF 24-013Health (C2H2)STEM Access for Persons with Disabilities (STEM-APWD)NSF 23-160CO2 Removal and Solar Radiation Modification Strategies: Science, Governance and ConsequencesNSF 23-151Availability of Earth Observation Data for NSF-Funded ResearchersNSF 23-092Reproducibility and Replicability in ScienceNSF 23-018Wildland Fire: Planning Proposals to Catalyze Innovative and Inclusive Wildland Fire ScienceNSF 22-012Pilot for the Allocation of High-Throughput Computing Resources (HTC)NSF 22-051Directorate of Geosciences-Veterans Education and Training Supplement (GEO-VETS) OpportunitiesNSF 22-032GLOW: Geoscience Lessons for and from Other WorldsNSF 22-032CAS-Climate: Critical Aspects of Sustainability Micro- and NanoplasticsNSF 20-050		
Health (C2H2)NSF 23-160STEM Access for Persons with Disabilities (STEM-APWD)NSF 23-160CO2 Removal and Solar Radiation Modification Strategies: Science, Governance and ConsequencesNSF 23-151Availability of Earth Observation Data for NSF-Funded ResearchersNSF 23-092Reproducibility and Replicability in ScienceNSF 23-018Wildland Fire: Planning Proposals to Catalyze Innovative and Inclusive Wildland Fire ScienceNSF 22-122Pilot for the Allocation of High-Throughput Computing Resources (HTC)NSF 22-051Directorate of Geosciences-Veterans Education and Training Supplement (GEO-VETS) OpportunitiesNSF 22-044GLOW: Geoscience Lessons for and from Other WorldsNSF 22-032CAS-Climate: Critical Aspects of Sustainability Climate SolutionsNSF 21-124	Relevant Cross NSF DCLs (cont.)	NSF ID
STEM Access for Persons with Disabilities (STEM-APWD)NSF 23-160CO2 Removal and Solar Radiation Modification Strategies: Science, Governance and ConsequencesNSF 23-151Availability of Earth Observation Data for NSF-Funded ResearchersNSF 23-092Reproducibility and Replicability in ScienceNSF 23-018Wildland Fire: Planning Proposals to Catalyze Innovative and Inclusive Wildland Fire ScienceNSF 22-122Pilot for the Allocation of High-Throughput Computing Resources (HTC)NSF 22-051Directorate of Geosciences-Veterans Education and Training Supplement (GEO-VETS) OpportunitiesNSF 22-044GLOW: Geoscience Lessons for and from Other WorldsNSF 22-032CAS-Climate: Critical Aspects of Sustainability Climate SolutionsNSF 21-124	Capacity Building to Catalyze Collaborations to Address Climate Change Impacts on Human	NSF 24-013
CO2 Removal and Solar Radiation Modification Strategies: Science, Governance and ConsequencesNSF 23-151Availability of Earth Observation Data for NSF-Funded ResearchersNSF 23-092Reproducibility and Replicability in ScienceNSF 23-018Wildland Fire: Planning Proposals to Catalyze Innovative and Inclusive Wildland Fire ScienceNSF 22-122Pilot for the Allocation of High-Throughput Computing Resources (HTC)NSF 22-051Directorate of Geosciences-Veterans Education and Training Supplement (GEO-VETS) OpportunitiesNSF 22-044GLOW: Geoscience Lessons for and from Other WorldsNSF 22-032CAS-Climate: Critical Aspects of Sustainability Climate SolutionsNSF 21-124	Health (C2H2)	
ConsequencesAvailability of Earth Observation Data for NSF-Funded ResearchersNSF 23-092Reproducibility and Replicability in ScienceNSF 23-018Wildland Fire: Planning Proposals to Catalyze Innovative and Inclusive Wildland Fire ScienceNSF 22-122Pilot for the Allocation of High-Throughput Computing Resources (HTC)NSF 22-051Directorate of Geosciences-Veterans Education and Training Supplement (GEO-VETS) OpportunitiesNSF 22-044GLOW: Geoscience Lessons for and from Other WorldsNSF 22-032CAS-Climate: Critical Aspects of Sustainability Climate SolutionsNSF 21-124	STEM Access for Persons with Disabilities (STEM-APWD)	NSF 23-160
Availability of Earth Observation Data for NSF-Funded ResearchersNSF 23-092Reproducibility and Replicability in ScienceNSF 23-018Wildland Fire: Planning Proposals to Catalyze Innovative and Inclusive Wildland Fire ScienceNSF 22-122Pilot for the Allocation of High-Throughput Computing Resources (HTC)NSF 22-051Directorate of Geosciences-Veterans Education and Training Supplement (GEO-VETS)NSF 22-044OpportunitiesSF 22-032GLOW: Geoscience Lessons for and from Other WorldsNSF 22-032CAS-Climate: Critical Aspects of Sustainability Climate SolutionsNSF 21-124	CO2 Removal and Solar Radiation Modification Strategies: Science, Governance and	NSF 23-151
Reproducibility and Replicability in ScienceNSF 23-018Wildland Fire: Planning Proposals to Catalyze Innovative and Inclusive Wildland FireNSF 22-122ScienceScienceNSF 22-051Pilot for the Allocation of High-Throughput Computing Resources (HTC)NSF 22-051Directorate of Geosciences-Veterans Education and Training Supplement (GEO-VETS)NSF 22-044OpportunitiesScienceNSF 22-032GLOW: Geoscience Lessons for and from Other WorldsNSF 22-032CAS-Climate: Critical Aspects of Sustainability Climate SolutionsNSF 21-124	<u>Consequences</u>	
Wildland Fire: Planning Proposals to Catalyze Innovative and Inclusive Wildland FireNSF 22-122SciencePilot for the Allocation of High-Throughput Computing Resources (HTC)NSF 22-051Directorate of Geosciences-Veterans Education and Training Supplement (GEO-VETS)NSF 22-044OpportunitiesGLOW: Geoscience Lessons for and from Other WorldsNSF 22-032CAS-Climate: Critical Aspects of Sustainability Climate SolutionsNSF 21-124	Availability of Earth Observation Data for NSF-Funded Researchers	NSF 23-092
SciencePilot for the Allocation of High-Throughput Computing Resources (HTC)NSF 22-051Directorate of Geosciences-Veterans Education and Training Supplement (GEO-VETS)NSF 22-044OpportunitiesGLOW: Geoscience Lessons for and from Other WorldsNSF 22-032CAS-Climate: Critical Aspects of Sustainability Climate SolutionsNSF 21-124	Reproducibility and Replicability in Science	NSF 23-018
Pilot for the Allocation of High-Throughput Computing Resources (HTC)NSF 22-051Directorate of Geosciences-Veterans Education and Training Supplement (GEO-VETS)NSF 22-044OpportunitiesGLOW: Geoscience Lessons for and from Other WorldsNSF 22-032CAS-Climate: Critical Aspects of Sustainability Climate SolutionsNSF 21-124	Wildland Fire: Planning Proposals to Catalyze Innovative and Inclusive Wildland Fire	NSF 22-122
Directorate of Geosciences-Veterans Education and Training Supplement (GEO-VETS) NSF 22-044   Opportunities GLOW: Geoscience Lessons for and from Other Worlds NSF 22-032   CAS-Climate: Critical Aspects of Sustainability Climate Solutions NSF 21-124	Science	
Opportunities   GLOW: Geoscience Lessons for and from Other Worlds NSF 22-032   CAS-Climate: Critical Aspects of Sustainability Climate Solutions NSF 21-124	Pilot for the Allocation of High-Throughput Computing Resources (HTC)	NSF 22-051
GLOW: Geoscience Lessons for and from Other Worlds NSF 22-032   CAS-Climate: Critical Aspects of Sustainability Climate Solutions NSF 21-124	Directorate of Geosciences-Veterans Education and Training Supplement (GEO-VETS)	NSF 22-044
CAS-Climate: Critical Aspects of Sustainability Climate Solutions NSF 21-124	Opportunities	
	GLOW: Geoscience Lessons for and from Other Worlds	NSF 22-032
CAS-MNP: Critical Aspects of Sustainability Micro- and Nanoplastics NSF 20-050	CAS-Climate: Critical Aspects of Sustainability Climate Solutions	NSF 21-124
	CAS-MNP: Critical Aspects of Sustainability Micro- and Nanoplastics	NSF 20-050

Professional Development-related Supplement Opportunities	
Non-Academic Research Internships for Graduate Students in Hydrogen and Fuel Cell	NSF 24-087
Technologies (Hydrogen INTERN) Supplemental Funding Opportunity	
Graduate Research Internships at National Institute of Biomedical Imaging and	NSF 24-083
Bioengineering (NSF-NIBIB/BETA INTERN) Supplemental Funding Opportunity	
Supplemental Funding Requests for National Science Foundation Research Traineeship	NSF 24-057
(NRT) US-Ireland Student Mobility Program	
Graduate Research Internships in Forensic Science and Criminal Justice Contexts (NSF-NIJ	NSF 23-150
INTERN) Supplemental Funding Opportunity	
Geothermal INTERN supplements	NSF 23-024
Research Experiences for Undergraduates (REU)	NSF 22-601
SPACE: Supplemental Funding for Space-Related Preparation and Awareness for Career	NSF 22-123
Equity	
GEO-VETS: Veterans Education and Training Supplement Opportunities	NSF 22-044
RET supplements: Geosciences Research Experiences for Teachers	NSF 22-043
Air Force INTERN Supplements	NSF 21-029

July 18, 2024

## NSF Dear Colleague Letters and other opportunities relevant to the Directorate for Geosciences (GEO) and the Division of Earth Sciences (EAR)

Professional Development-related Supplement Opportunities (cont.)	NSF ID
Career-Life Balance (CLB) Supplemental Funding Requests	NSF 21-021
INTERN supplements	NSF 21-013
ROA	NSF 14-579

Lead Agency Agreements (aka Opportunities for International Collaboration)	
Nordic-U.S. Research Collaboration on Sustainable Development of the Arctic	NSF 24-070
Research Collaboration Opportunity in Europe for NSF Recipients	NSF 24-053
Germany DFG - NSF/GEO	NSF 23-113
Research Collaboration Opportunity in Europe for NSF Awardees	NSF 23-085
Swiss NSF - NSF	NSF 23-049
Israel BSF - NSF/GEO	NSF 21-119
Taiwan-MOST (GEMT) - NSF	NSF 20-106
Ireland/N. Ireland - NSF	NSF 20-064
UK NERC - NSF/GEO	NSF 16-132