CURRENT AND PENDING (OTHER) SUPPORT INFORMATION

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person.

*NAME: Edge, David

PERSISTENT IDENTIFIER (PID) OF THE SENIOR/KEY PERSON: https://orcid.org/0000-0001-6938-2850

*POSITION TITLE: Data Scientist

*ORGANIZATION AND LOCATION: Northern Arizona University, FLAGSTAFF, Arizona, United States

Projects/Proposals

***Project/Proposal Title:** Collaborative Research: GEO OSE Track1: FROGS: Facilitating Reproducible Open GeoScience

***Status of Support:** current

Proposal/Award Number: NSF-2324733

***Source of Support:** NSF-GEO OSE

***Primary Place of Performance:** Northern Arizona University

***Project/Proposal Support Start Date: (MM/YYYY):** 01/2024

***Project/Proposal Support End Date: (MM/YYYY):** 12/2025

***Total Award Amount:** $84,520

*** Person Months (Calendar/Academic/Summer) per budget period Committed to the Project:**

Year	Person Months
2024	1.75
2025	1.75

***Overall Objectives:** This project will promote reproducible and transparent geoscience by educating scientists on the effective utilization of open source resources through practical applications in their own scientific research. With the goal of filling this gap, we plan to conduct a series of workshops aimed at teaching geoscientists at different career levels how to integrate relevant open source tools into their workflows, and make these workflows an integral part of their publishing process. Additionally, participants will learn how to contribute to the open source community by writing code, reviewing contributions from others, publishing in galleries that showcase the scientific applications of specific toolboxes, and, when appropriate, packaging their own research products.

***Statement of Potential Overlap:** N/A

***Project/Proposal Title:** Collaborative Research: PReSto: A paleoclimate reconstruction storehouse to broaden access and accelerate scientific inference

***Status of Support:** current

Proposal/Award Number: EAR-1948746

***Source of Support:** NSF-Geoinformatics

***Primary Place of Performance:** Northern Arizona University

***Project/Proposal Support Start Date: (MM/YYYY):** 07/2020

***Project/Proposal Support End Date: (MM/YYYY):** 06/2024

***Total Award Amount:** $453,467

*** Person Months (Calendar/Academic/Summer) per budget period Committed to the Project:**

Year	Person Months
2023	5
2024	0.5

***Overall Objectives:** This project will build the infrastructure to produce efficient reproducibility, discovery and modification of paleoclimate reconstructions, including pipelines that connect data, parameters, algorithms and outputs.

***Statement of Potential Overlap:** N/A

***Project/Proposal Title:** Collaborative Research: Browsing Intra-pacific Variability And Linked enVironmental Effects (BIVALVE)

***Status of Support:** pending

Proposal/Award Number:

***Source of Support:** P4CLIMATE

***Primary Place of Performance:** Northern Arizona University

***Project/Proposal Support Start Date: (MM/YYYY):** 09/2024

***Project/Proposal Support End Date: (MM/YYYY):** 08/2027

***Total Award Amount:** $517,067

*** Person Months (Calendar/Academic/Summer) per budget period Committed to the Project:**

Year	Person Months
2024	6.75
2025	6.75
2026	6.75

***Overall Objectives:** To develop a new proxy for South Pacific sea surface temperature, explore local and widespread Pacific climate variability, and investigate teleconnections with other regions, both in data and models

***Statement of Potential Overlap:** N/A

***Project/Proposal Title:**	Collaborative Research: Patterns of African Hydroclimate Variability: New Geochronologies and Proxy-Model Integration of Million-year Legacy Drill Core Records from Lakes Bosumtwi and Malawi
***Status of Support:**	pending
Proposal/Award Number:	
***Source of Support:**	P4CLIMATE
***Primary Place of Performance:**	Northern Arizona University
***Project/Proposal Support Start Date: (MM/YYYY):**	07/2024
***Project/Proposal Support End Date: (MM/YYYY):**	06/2026
***Total Award Amount:**	$98,543

*** Person Months (Calendar/Academic/Summer) per budget period Committed to the Project:**

Year	Person Months
2024	3
2025	3
2026	3

***Overall Objectives:** The two sediment records from opposite sides of tropical Africa will be used to assess drivers of effective moisture in the African continental tropics over this million-year time frame. In the case of Lake Bosumtwi, we will also utilize an inverse modeling approach and a landscape evolution model to study the progression of this natural tropical rain gauge from initial bolide impact through the development of the modern meromictic lake system.

***Statement of Potential Overlap:** N/A

Certification:

When the individual signs the certification on behalf of themselves, they are certifying that the information is current, accurate, and complete. This includes, but is not limited to, information related to current, pending, and other support (both foreign and domestic) as defined in 42 U.S.C. §§ 6605. Misrepresentations and/or omissions may be subject to prosecution and liability pursuant to, but not limited to, 18 U.S.C. §§ 287, 1001, 1031 and 31 U.S.C. §§ 3729- 3733 and 3802.

Certified by Edge, David in SciENcv on 2023-10-20 12:05:47