

Thursday, April 16, 2026 at 15:51:58 Pacific Standard Time

Subject: NSF Award Notice for Award ID EAR-2418901 - Amendment ID 000
Date: 08/10/2024 at 9:41:53 AM Pacific Daylight Time
From: jgosey@synthetic.nsf.gov
To: Office of Sponsored Programs (osp@synthetic.uidaho.edu)
CC: jqullstone@synthetic.uidaho.edu, tmarshfield@synthetic.nsf.gov, opemberton@synthetic.nsf.gov, jgosey@synthetic.nsf.gov

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NATIONAL SCIENCE FOUNDATION

Award Notice

Award Number (FAIN): EAR-2418901 **Managing Division Abbreviation:** EAR **Amendment Number:** 000

RECIPIENT INFORMATION

Recipient (Legal Business Name): REGENTS OF THE UNIVERSITY OF IDAHO (SYNTHETIC)
Recipient Address: 875 PERIMETER DR MOSCOW, ID 83844-9803
Official Recipient Email Address: osp@synthetic.uidaho.edu
Unique Entity Identifier (UEI): SYN7QWYKRJH5

AMENDMENT INFORMATION

Amendment Type: New Project
Amendment Date: 08/10/2024
Amendment Number: 000
Proposal Number: 2418901

The National Science Foundation hereby awards a Continuing Grant for support of the project described in the proposal referenced above as modified by revised budget dated 07/27/2024.

Funds provided for participant support may not be diverted by the awardee to other categories of expense without the prior written approval of the cognizant NSF Program Officer. Since participant support cost is not a normal account classification, the awardee organization must be able to separately identify participant support costs. It is highly recommended that separate accounts, sub-accounts, sub-task, or sub-ledgers be established to accumulate these costs. The awardee should have written policies and procedures to segregate participant support costs.

AWARD INFORMATION

Award Number (FAIN): EAR-2418901
Award Instrument: Continuing Grant
Award Date: 08/10/2024
Award Period of Performance: Start Date: 09/01/2024 End Date: 08/31/2028
Project Title: Open digital twins for sediment and flood resilience in working watersheds
Managing Division Abbreviation: EAR
Research and Development Award: Yes
Funding Opportunity: NSF 24-588 Hydrologic Sciences and Geoinformatics
Assistance Listing Number(s) and Name(s): 47.050 Geosciences (Predominant source of funding for SEFA reporting)

FUNDING INFORMATION

Amount Obligated by this Amendment: \$295,000
Total Intended Award Amount: \$1,180,000
Total Approved Cost Share or Matching Amount: \$0
Total Amount Obligated to Date: \$295,000
Expenditure Limitation: Not Applicable

PROJECT PERSONNEL

Principal Investigator: Juniper L. Quillstone
Email: jquillstone@synthetic.uidaho.edu
Organization: UNIVERSITY OF IDAHO

NSF CONTACT INFORMATION

Managing Grants Official (Primary Contact) Name: Olivia N. Pemberton Email: opemberton@synthetic.nsf.gov Phone: (703) 292-8305	Awarding Official Name: Jannele L. Gosey Email: jgosey@synthetic.nsf.gov	Managing Program Officer Name: Dr. Theodore C. Marshfield Email: tmarshfield@synthetic.nsf.gov Phone: (703) 292-7305
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GENERAL TERMS AND CONDITIONS

This is awarded pursuant to the authority of the National Science Foundation Act of 1950, as amended (42 U.S.C. 1861-75) and is subject to Research Terms and Conditions (RTCs) dated 11/12/2020, and NSF Agency Specific Requirements, dated 05/20/2024, available at <https://www.nsf.gov/awards/managing/rtc.jsp>.

BUDGET	
A. Senior Personnel	
Senior Personnel Count	1.00
Senior Personnel Calendar Months	9.60
Senior Personnel Academic Months	0.00
Senior Personnel Summer Months	0.00
Senior Personnel Amount	\$472,000
B. Other Personnel	
Post Doctoral Scholars	
Post Doctoral Count	0.00
Post Doctoral Calendar Months	0.00
Post Doctoral Academic Months	0.00
Post Doctoral Summer Months	0.00
Post Doctoral Amount	\$0
Other Professionals	
Other Professionals Count	0.00
Other Professionals Calendar Months	0.00
Other Professionals Academic Months	0.00
Other Professionals Summer Months	0.00
Other Professionals Amount	\$0
Graduate Students	
Graduate Students Count	1.00
Graduate Students Amount	\$112,000
Undergraduate Students	
Undergraduate Students Count	0.00
Undergraduate Students Amount	\$0
Secretarial - Clerical	
Secretarial - Clerical Count	0.00
Secretarial - Clerical Amount	\$0
Other	
Other Count	0.00
Other Amount	\$0
<i>Total Salaries and Wages (A+B)</i>	\$584,000
C. Fringe Benefits	\$175,200
<i>Total Salaries, Wages, Fringe Benefits (A + B + C)</i>	\$759,200
D. Equipment	\$0
E. Travel	
Domestic	\$31,467
International	\$0
F. Participant Support Costs	
Participant Support Costs Stipends	\$0
Participant Support Costs Travel	\$0

Participant Support Costs Subsistence	\$0
Participant Support Costs Other	\$0
Total Number of Participants	0.00
<i>Total Participant Costs (F)</i>	\$0
G. Other Direct Costs	
Materials Supplies	\$39,333
Publication Costs	\$8,000
Consultant Services	\$0
Computer Services	\$15,733
Subawards	\$0
Other	\$0
<i>Total Other Direct Costs (G)</i>	\$63,066
H. Total Direct Costs (A Through G)	\$786,667
I. Indirect Costs*	\$393,333
J. Total Direct and Indirect Costs (H + I)	\$1,180,000
K. Fees	\$0
L. Total Amount of Request (J) OR (J + K)	\$1,180,000
M. Cost Sharing Proposed Level	\$0

*Indirect Cost Rates

Item Name	Indirect Cost Rate
Modified Total Direct Costs	50.0000%

These rates are at the time of award and are based upon the budget submitted to the NSF. It does not include any out-year adjustments. The NSF will not modify awards simply to correct indirect cost rates cited in the award notice. See the Proposal & Award Policies & Procedures Guide (PAPPG) Chapter X.A.3.a. for guidance on re-budgeting authority.