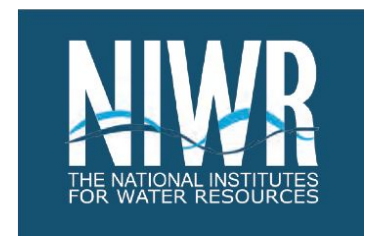
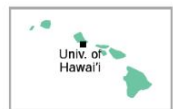
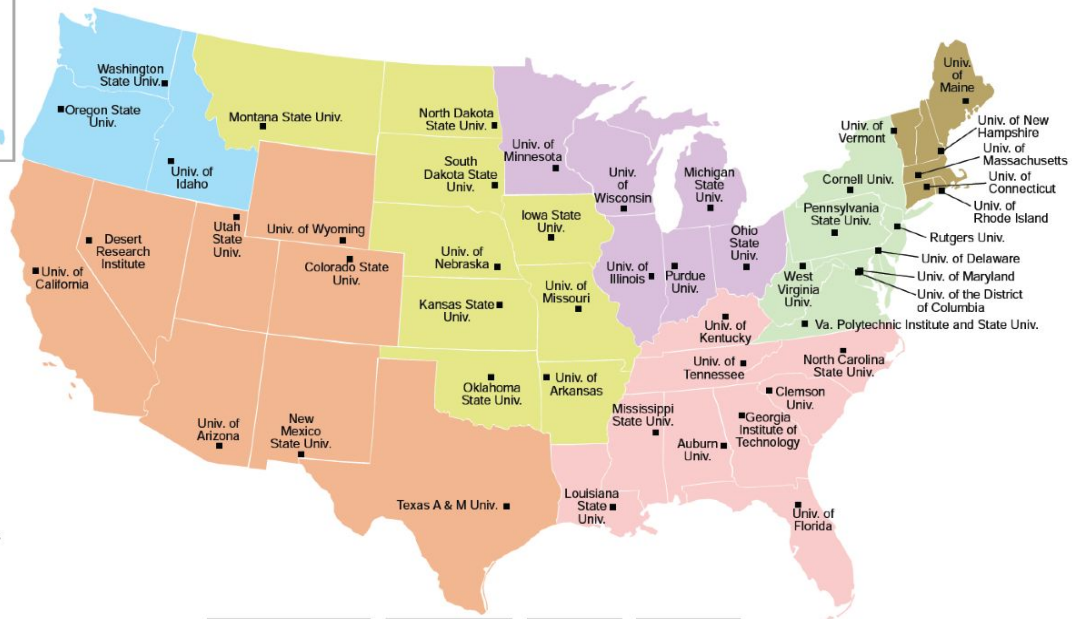


USGS/NIWR FY2021 National Grants Programs

Proposal Preparation for Minnesota Investigators

May 20, 2021





wrc.umn.edu/fundingopps

The screenshot shows a web browser window with the URL wrc.umn.edu/fundingopps. The browser's address bar and tabs are visible at the top. Below the browser, the website header features the University of Minnesota logo and the slogan "Driven to Discover". A navigation bar contains several menu items: Home, About Us, Our Work, Training, News/Events, Publications, Extension Water Resources, WRS Graduate Program, and Water Topics. The "Funding Opportunities" menu item is expanded, showing a list of options: Strategic Plan 2018, Staff, Contact Us, Funding Opportunities (highlighted), Minnesota Agricultural Experiment Station, National Institutes for Water Resources, UMN Water Council, Make a Gift, Diversity, Equity, and Inclusion, Employment Opportunities, and Watershed Innovations (WINS) Grant Program. The main content area of the page is partially visible, showing the text "USGS National Competitive Grants Programs" and "The U.S. application topics on..." followed by a list of grant categories: National, Aquatic, and Watershed. The page also includes a "Deadlines:" section with the following information: "Notice of Intent: June 2, 2021", "Budgets, budget justifications, and full subawards due: June 15, 2021", and "Final proposals due to WRC: June 17, 2021".

UNIVERSITY OF MINNESOTA
Driven to Discover™

One Stop MyU: For Students, Faculty, and Staff

Water Resources Center

- Home
- About Us
- Our Work
- Training
- News/Events
- Publications
- Extension Water Resources
- WRS Graduate Program
- Water Topics

Funding Opportunities

- Strategic Plan 2018
- Staff
- Contact Us
- Funding Opportunities
- Minnesota Agricultural Experiment Station
- National Institutes for Water Resources
- UMN Water Council
- Make a Gift
- Diversity, Equity, and Inclusion
- Employment Opportunities
- Watershed Innovations (WINS) Grant Program

USGS National Competitive Grants Programs

The U.S. application topics on...

- Nat
- Aqu
- Per

Grants

Deadlines:

Notice of Intent: June 2, 2021

Budgets, budget justifications, and full subawards due: June 15, 2021

Final proposals due to WRC: June 17, 2021

2021 Programs

- Annual Competitive Grants (104g; \$1.5m available)
- Aquatic Invasive Species (\$1m available)
- Per- and polyfluoroalkyl substances (PFAS) Grants (\$1m available)

Annual Competitive Grants (104g) Priorities

- Socioeconomics and water use
 - Water use models that include socio-economic drivers, conditioned on climate and management strategies
- Water related hazards and public health
 - Intersection of land/water use, disease vector mechanisms, water hazards
- Harmful algal blooms (HABs)
 - Innovations in HAB monitoring
 - Factors affecting toxin production
 - Near-real time modeling and forecasting

Aquatic Invasive Species Grants (AIS) Priorities

- Impact of AIS on lakes and rivers in the Upper Mississippi River basin (UMRB)
 - Impacts on water quality or ecosystem dynamics
- Lake and river characteristics affecting AIS dynamics in the UMRB
 - Resistance and resilience to establishment and impacts of aquatic invasive species
 - Inform management decisions at the regional scale
- Socio-economics
 - Assessment of AIS spread detection, impacts, solutions, and management in the UMRB

Per- and polyfluoroalkyl substances (PFAS) Priorities

- Fate, persistence, and transport
 - Impacts on water quality and ecosystems in groundwater or surface water
- Socio-economics
 - Assessment of PFAS spread detection, impacts, solutions, and management

Eligibility

- Any investigator at an accredited institution of higher learning
- Investigators in each state must submit through the USGS Water Resources Research center or institute in that state (WRC in Minnesota)

Federal collaboration

- Collaboration with USGS or other federal scientists is encouraged
- Federal employees may not be a PI but can be a co-PI
- Federal agencies may not receive funds from these grants
 - **For Annual Competitive (104g) Grants ONLY:** USGS scientists can obtain internal research funds to support their activities.
- Contact the WRC for assistance in identifying USGS collaborators

WRS Graduate Assistantship Supplements

- Available to graduate faculty in the WRS program at the University of Minnesota
- May request up to 2 years of (tuition-inclusive) funding for a graduate research assistant enrolled in the WRS program
- Requests must be made by June 2 through the required Notice of Intent
 - Investigators will be notified by June 4 of whether their request is approved
- Supplements will count toward the 1:1 match requirement

Budget requirements

- Maximum of \$250,000 in federal funds may be requested, duration of 1-3 years
- 1:1 match requirement for project as a whole and each 12-month budget period
- Facilities and Administrative (F&A or 'indirect costs') cannot be paid from federal funds
- Foregone F&A on both federal and non-federal direct costs are counted toward the 1:1 match requirement

Example budget summary

Item	Federal	Non-federal	Total
A: Direct costs	250,000	76,581	322,581
B1: F&A on federal portion (55% of A:Fed)		137,500	137,500
B2: F&A on non-federal portion (55% of A:Nonfed)		39,919	39,919
C: Total (A + B1 + B2)	250,000	250,000	500,000

Timeline

- June 2** *Required* Notice of Intent (NOI) submitted to WRC
- June 4** WRC responds to NOIs with detailed submission instructions and approval of supplement requests
- June 15** Budgets, budget justifications, and subawards due to WRC
- June 17** All remaining proposal documents due to WRC
- ~August** USGS announces funding decisions
- September** Funded projects begin (delays possible/likely)

Free advice for making proposals competitive

- Connect with other teams who are applying to the same RFP
 - Very low chance of USGS funding two Minnesota proposals that are similar
 - Differentiating proposals will improve everyone's chances

Connect with us

wrc.umn.edu



@MinnesotaWater



@WRSUMN (Graduate Program)

awilke@umn.edu

jmpeter@umn.edu

