



FY2025 West Virginia Water Research Institute 104(g) Request for Pre-Proposals
Application Deadline: February 28, 2025, 11:59 PM

OVERVIEW:

The West Virginia Water Research Institute (WVWRI) at West Virginia University extends an invitation to West Virginia college and university researchers to prepare for the upcoming Request for Proposals (RFP) anticipated to be announced by USGS in March 2025.

We anticipate the RFP will encompass three distinct National Competitive Grants, each with different priorities (reference links below to view FY24 opportunities). FY25 RFPs will be announced March 2025 and will be sent out directly to those who have been invited to submit a full proposal.

- General 104(g)
- Aquatic Invasive Species (AIS)
- PFAS

FUNDING:

Reference the FY24 RFPs listed above; we anticipate the FY25 RFP (to be released in March) will have similar funding available for each of the three programs.

The projects require a cost share of one non-federal dollar for every federal dollar (1:1 ratio). Indirect costs are not supported by the sponsor but may be counted as part of the state local match. equipment purchases are not normally supported with federal dollars. Reference RFPs for additional information. The matching requirement should be met during each 12-month budget period.

ELIGIBILITY:

Eligibility for application extends to any investigator holding principal investigator (PI) status at a higher learning institution in West Virginia. Each applicant is allowed to serve as the principal investigator for only one proposal in response to this Request for Proposals (RFP), while there is no limitation on participation as a co-PI on multiple proposals. Preference will be notably given to investigators in the early stages of their careers. Additionally, it is anticipated that each proposal will include support for graduate and or undergraduate students as an integral component.

IMPORTANT DATES:

The application deadline for West Virginia pre-proposals is 11:59 PM, Friday, February 28. Pre-proposal decisions and an invitation to submit a full proposal will be announced in March. WVWRI will work with investigators to complete a full proposal following guidelines released by USGS in March for submission to USGS via the WVU Office of Sponsored Programs in mid-April. Funding is anticipated to begin on December 16, 2025, and projects must end no later than December 15, 2028 (extensions will NOT be granted).

SUBMISSION GUIDELINES:

Pre-proposals under this announcement will be accepted only through the WVWRI email: wvwri@mail.wvu.edu. Pre-proposals submitted after the deadline will be rejected.

PRE-PROPOSAL COMPONENTS:

Each pre-proposal shall consist of the following elements::

1. Cover Page (See Appendix A)
2. Main Body (Proposed Work). This document shall not exceed 2 single-spaced pages using a 12-point font. The description shall include::
 - a. **Objectives of the project.** Include a statement of the state water problem and benefits of the project. Specify the type of information that is to be gained and how the information will be transferred.
 - b. **Methodology.** Describe the methods you will use to achieve the outlined objectives.
 - c. **Technical merit.** Show by literature citations and communication the similarities and dissimilarities of the proposed project to completed or ongoing work on the same topic.
 - d. **Budget Breakdown.** (See Appendix B) A formal budget is not required at the pre-proposal stage. However, an estimate of major project expenses is helpful in the evaluation.
 - e. **Investigator's Qualifications.** Include the resume(s) of the principal investigator(s). No resume shall exceed two pages or list more than 15 pertinent publications.

PRE-PROPOSAL REVIEW PROCESS:

Pre-proposals that meet the requirements of this Announcement will be evaluated by the West Virginia Advisory Committee for Water Research - composed of the Institute director, scientists, and federal and state agency employees experienced in water resources research.

INQUIRIES:

If you have any questions regarding this grant opportunity, please contact Melissa O'Neal (melissa.oneal@mail.wvu.edu or 304-293-7006).

Although Congress has not yet finalized the appropriation process for this fiscal year's program, this call for proposals must be made at this time in order to meet expected program deadlines. As noted earlier, WVWRI will work with investigators to complete a full proposal in mid-April for submission to WVU OSP in late April.

Appendix A – Cover Page

Please fill in the relevant project information

Title	<i>Concise, but descriptive.</i>
Project Opportunity	<i>Choose from the following: General, AIS, or PFAS</i>
WRI Science Priorities	<i>Choose from Appendix C the one science priority that most closely applies.</i>
Start Date	<i>Enter the actual beginning date for the project. Projects are expected to start on December 16, 2025.</i>
End Date	<i>Enter the estimated end date for the project. Project expected end date is no later than December 15, 2028.</i>
Principal Investigator(s)	<i>Provide name, academic rank, department and university, email address and phone number of the principal investigators.</i>
Abstract	<i>Provide a brief (300 word) description of the problem, methods, and objectives.</i>
Keywords	<i>Choose a maximum of three keywords from the provided list (Appendix C), with the most preferred keywords first.</i>

Appendix B – Pre-proposal Budget Breakdown (Estimate)

Cost Category	Federal \$	Non-Federal \$	Total \$
SALARIES AND WAGES			
Principal Investigator(s)			
Graduate Student(s)			
Undergraduate Student(s)			
Others			
Total Salaries and Wages			
FRINGE BENEFITS			
Principal Investigator(s)			
Graduate Student(s)			
Undergraduate Student(s)			
Others			
Total Fringe Benefits			
TUITION			
Graduate Student(s)			
Undergraduate Student(s)			
Total Tuition			
DIRECT COSTS			
Supplies			
Equipment			
Services or Consultants			
Travel			
Other Direct Costs			
Total Direct Costs			
Indirect cost on on-federal share			
Indirect cost on non-federal share			
Total Estimated Costs			

Appendix C – FOCUS CATEGORIES

Keywords	Science Priority
ACID DEPOSITION	Water Scarcity and Availability
AGRICULTURE	Water-Related Hazards and Climate Variability
CLIMATOLOGICAL PROCESSES	Water Quality
CONSERVATION	Water Policy, Planning, and Socioeconomics
DROUGHT	Water Technology and Innovation
ECOLOGY	Workforce Development and Water Literacy
ECONOMICS	Watershed and Ecosystem Function
EDUCATION	
FLOODS	
GEOMORPOLOGICAL PROCESSES	
GEOCHEMICAL PROCESSES	
GROUNDWATER	
HYDROGEOCHEMISTRY	
HYDROLOGY	
INVASIVE SPECIES	
IRRIGATION	
LAW, INSTITUTIONS, AND POLICY	
MANAGEMENT AND PLANNING	
METHODS	
MODELS	
NITRATE CONTAMINATION	
NON POINT POLLUTION	
NUTRIENTS	
RADIOACTIVE SUBSTANCES	
RECREATION	
SEDIMENTS	
SOLUTE TRANSPORT	
SURFACE WATER	
TOXIC SUBSTANCES	
TREATMENT	
WASTEWATER	
WATER QUALITY	
WATER QUANTITY	
WATER SUPPLY	
WETLANDS	