



Ohio Water Resources Center

**FY2022 Ohio Water Resources Center 104(b)
Request for Pre-Proposals and Application Instructions**
Application Deadline: August 13, 2021, 4:00 PM

311 Hitchcock Hall
2070 Neil Avenue
Columbus, OH 43210

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614-292-2807 Phone

The Ohio Water Resources Center (WRC) at The Ohio State University is seeking research pre-proposals to address current water resources issues in the State of Ohio. This annual competition for in-state researchers is held through the Water Resources Research Institute 104(b) Program. **The aim of these grants is to stimulate water related research relevant for Ohio to the point where a highly competitive external proposal can be developed.**

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.

ELIGIBILITY: Any investigator with principal investigator (PI) status at an institution of higher learning in Ohio is eligible to apply. An applicant may serve as a principal investigator on only **one proposal** in response to this RFP. Participation as a co-PI on proposals is unlimited. Strong preference will be given to **investigators early in their careers**. Graduate and/or undergraduate student support is expected to be a component of each proposal.

IMPORTANT DATES: The application deadline for Ohio pre-proposals is **4:00 PM, Friday, August 13, 2021**. Pre-proposal decisions and an invitation to submit a full proposal will be announced the week of September 13, 2021. Full proposals will be due October 22, 2021 by 4:00 PM and funding decisions will be made by January 21, 2022. Funding is anticipated to begin on March 1, 2022.

SUBMISSION GUIDELINES: Pre-proposals under this announcement will be accepted only by Ohio WRC email: **ohiowrc@osu.edu**.

Detailed instructions for full proposal preparation and submission will be sent with the invitations for full proposals.

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 - 12 point font. The description shall include:
 - a. Objectives of the project. Include statement of 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 and communication citations the similarities and dissimilarities of the proposed project to completed or on-going work on the same topic.

3. Budget Breakdown. (See Appendix B)

4. Investigator's Qualifications. Include 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 which meet the requirements of this Announcement will be evaluated by a peer review panel composed of Institute directors, university scientists, and federal and state agency employees experienced in water resources research. Pre-proposals will be reviewed according to the following criteria:

State benefit (relevance), Technical merit (scientifically sound, innovative), Investigator (early in career, cognizant of previous work), Feasibility (methods and budget)

RESEARCH AREAS: The Ohio WRC will accept any pre-proposal related to Ohio water resources issues, but expects to give priority to proposals that address algal blooms & nutrients, water technology, impacts of climate change on water resources, and emerging issues. Projects that also incorporate concepts of water equity, such as identifying causes and impacts of water-related disparities, developing or evaluating tools or strategies to improve water quality, or providing scientific information to benefit underserved communities are also sought. For a list of recently funded proposals visit our website: <https://wrc.osu.edu/past>.

Researchers involved in funded projects with an equity focus will be invited to join a Great Lakes Water Equity Research working group coordinated by the Water Resources Research Institutes in the Great Lakes region. The working group will organize member-driven activities that may include, but are not limited to: grant development workshops, conference special sessions, mini-conferences, special issue journal proposals, and coordinated communications to amplify research impacts. Funding of up to \$1000 for these activities will be provided directly by the Ohio WRC and should not be included in the project budget.

INQUIRIES: If you have any questions regarding this grant opportunity, please contact Dr. John Lenhart (phone: 614 688-8157; e-mail: lenhart.49@osu.edu), Dr. Linda Weavers (phone: 614-292-4061; e-mail: weavers.1@osu.edu), or Dr. Zuzana Bohrerova (phone: 614-292-2807; e-mail: bohrerova.1@osu.edu).

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.

Appendix A – Cover Page

Please fill in the relevant project information

Title	<i>Concise, but descriptive.</i>
Project Type	<i>Choose from the following: Research, Information Transfer, Education, or Other (please specify).</i>
Start Date	<i>Enter the actual beginning date for the project. Projects are expected to start on March 1, 2021. Exceptions may be granted.</i>
End Date	<i>Enter the estimated end date for the project. Project expected end date is February 28, 2022.</i>
Principal Investigator(s)	<i>Provide name, academic rank, department and university, email address and phone number of the principal investigators and co-PIs.</i>
Abstract	<i>Provide a brief (half-page) description of the problem, methods, and objectives.</i>
Keywords	<i>Enter keywords of your choice descriptive of the work.</i>

Appendix B – Budget Breakdown

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			
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			