



## Ohio Water Resources Center



311 Hitchcock Hall  
2070 Neil Avenue  
Columbus, OH 43210-1275

**FY2019 Ohio Water Resources Center 104(b)  
Request for Pre-Proposals and Application Instructions**  
Application Deadline: August 12, 2019, 4:00 PM

Phone (614) 292-2807  
E-mail: [ohiowrc@osu.edu](mailto:ohiowrc@osu.edu)  
Web: [wrc.osu.edu](http://wrc.osu.edu)

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, Monday, August 12, 2019**. Pre-proposal decisions and an invitation to submit a full proposal will be announced the week of September 9, 2019. Full proposals will be due October 24, 2019 by 4:00 PM and funding decisions will be made by January 15, 2020. Funding is anticipated to begin on March 1, 2020.

**SUBMISSION GUIDELINES:** Pre-proposals under this announcement will be accepted only by Ohio WRC email: [ohiowrc@osu.edu](mailto: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 & energy nexus issues, and water technology & emerging issues. Algal blooms & nutrients is a broad topic that may encompass any of the following areas: HAB events, nutrient transport related to HABs, treatment technologies, including BMPs, their effectiveness, and social science related to HABs. For a list of recently funded proposals visit our website: <https://wrc.osu.edu/past>.

**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](mailto:lenhart.49@osu.edu)), Dr. Linda Weavers (phone: 614-292-4061; e-mail: [weavers.1@osu.edu](mailto:weavers.1@osu.edu)), or Dr. Zuzana Bohrerova (phone: 614-292-2807; e-mail: [bohrerova.1@osu.edu](mailto: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

<b>Title</b>	<i>Concise, but descriptive.</i>
<b>Project Type</b>	<i>Choose from the following: Research, Information Transfer, Education, or Other (please specify).</i>
<b>Start Date</b>	<i>Enter the actual beginning date for the project. Projects are expected to start on March 1, 2020. Exceptions may be granted.</i>
<b>End Date</b>	<i>Enter the estimated end date for the project. Project expected end date is February 28, 2021.</i>
<b>Principal investigator(s)</b>	<i>Provide name, academic rank, department and university, email address and phone number of the principal investigators and co-PIs.</i>
<b>Abstract</b>	<i>Provide a brief (half-page) description of the problem, methods, and objectives.</i>
<b>Keywords</b>	<i>Enter keywords of your choice descriptive of the work.</i>

## Appendix B – Budget Breakdown

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