# **Proposal Application Form**

# **2023–2024 TWRI Graduate Student Research Program**

***W.G. Mills Memorial Fellowship in Hydrology***

Please complete all parts of this Proposal Application Form to be considered for the Texas Water Resources Institute (TWRI) Graduate Student Research Programs. Proposals should be at least 11-point Times New Roman font with 1-inch margins. Proposals must be received electronically by **11:59 p.m. CST, March 20, 2023**, to be considered.

The completed Proposal Application Form must be e-mailed as a Microsoft Word document attachment to Danielle Kalisek at Danielle.Kalisek@ag.tamu.edu. The Basic Information of the application package is **limited to 5 pages** and must include items 1 through 11 below. You do not have to keep the instructions within your application form but ensure that each section is titled accordingly and that required items 1 through 11 are addressed. *Applications with Basic Information beyond the 5-page limit* ***will not*** *be considered in the review process.* The Other Required Information 11-13 is not included in the 5-page limit.

## **Basic Information**

1. **Title** of proposal. Concise but descriptive.
2. **Student** name, contact information (email and phone number), university, department, degree being pursued as well as degree starting month and year and expected month and year of graduation.
3. **Faculty advisor or committee chair** name, title, contact information (email and phone number), university and department.
4. **Would these funds be initiating new research or supporting ongoing research?** If ongoing, please briefly explain where you are at in the research and project timeline, funding source, funding amount (please differentiate between federal and nonfederal), and project start and end dates.
5. **Amount Requested (max $7,500).** List the amount of tuition and fees needed for the year.
6. **Keywords**. Enter up to eight keywords of your choice that are descriptive of the proposed work.
7. **Abstract**. Please provide 200 words or less about your proposed research problem, methods and objectives, and describe how your research will address the research priorities.
8. **Description of your research proposed research**, emphasizing how it will address water resources-related concerns, particularly how it will benefit Texas, including:
	1. **Statement of critical regional or state water problem***.* Describe how your research will address RFP research priorities and explain the need for the project, who wants it and why.
	2. **Statement of expected results or benefits***.*Specify the type of information that is to be gained and how it will be used.
	3. **Nature, scope and objectives of the research, including a timeline of activities***.*This is the major emphasis of your proposal
	4. **Methods, procedures and facilities***.* Provide enough information to permit evaluation of the technical adequacy of the approach to satisfy the objectives.

*Note: Reference/Citations do not count toward the 5-page limit.*

1. **Related research**. Show by literature citations the similarities and dissimilarities of the proposed project to completed or ongoing work on the same topic.
2. **Training potential**. Estimate the number of graduate students and undergraduate students, by degree level, who are expected to receive training in the project.
3. **Intended career path** you anticipate pursuing.

**Other Required Information** *(These items are not included in the 5-page limit.)*

1. **Academic qualifications of the student:** current degree plan/grades, unofficial transcript or list of courses taken and grades.

13. **Investigators Qualifications**

Include resume(s) for both the principal investigator(s) student and advisor(s). No resume should exceed two (2) pages or list more than 15 pertinent publications.