



GRA Position Announcement

Department of Biosystems and Agricultural Engineering

Oklahoma State University (OSU)

The Department of Biosystems and Agricultural Engineering at Oklahoma State University (OSU) is offering a Graduate Research Assistantship (GRA) for a qualified Ph.D. student beginning Fall 2026. The selected candidate will join the Hydrological Extremes Lab (<https://www.hydroexlab.com/>) and conduct research under the supervision of Dr. K.J. Jafarzadegan.

The GRA position will be located at OSU's main campus in Stillwater, Oklahoma. OSU is a modern land-grant institution with interdisciplinary programs that attract students from all 50 states and approximately 120 nations. As Oklahoma's only university with a statewide presence, OSU improves lives through integrated, high-quality teaching, research, and outreach.

Available Position

Flood Modeling and Management

Applicants should hold an M.S. degree in engineering, hydrology, or a closely related field, with a strong interest in flood characterization and modeling.

Preferred qualifications include:

- Experience with flood modeling software (particularly SWMM and HEC-RAS)
- Familiarity with machine learning or AI methods for environmental data analysis
- Programming experience in Python or similar languages
- Strong background in statistics and quantitative analysis

How to apply:

Interested applicants should **first submit the application form** (link and QR code provided below) and then **email the following materials** to kj.jafarzadegan@okstate.edu. **Please ensure to use "HydroExLab2026-GRA application-your name" for the title of your email.**

- CV
- Statement of Interest
- Transcripts
- References (Name, email, and affiliations)

Application Form:

[Graduate Research Assistantship Application: HydroExLab \(OSU\) – Fill out form](#)

Graduate Research Assistantship
Application: HydroExLab (OSU)



PS: For this position, the preference will be given to applicants currently residing in the United States or those who have a valid U.S. visa and are able to begin studies in the U.S. by Fall 2026.