GRADUATE STUDENT FELLOWSHIP IN OPERATIONAL HYDROLOGY

WATER-R2O
National Science Foundation Research Traineeship

waternrt.ua.edu

USE-INSPIRED RESEARCH INTEGRATING ARTIFICIAL INTELLIGENCE, WATER PREDICTION AND DECISION SUPPORT

Researchers at The University of Alabama are helping communities around the world face challenges from hydrologic extremes such as floods and drought. Join a program that helps prepare you to apply new techniques (e.g., artificial intelligence) to improve the practice of hydrologic observation and forecasting. We are accepting applications for one-year fellowships to be part of the 2027 cohort of the Water-R2O graduate program.

BENEFITS

- Competitive stipend ($34K) for one year (August 1-July 31)
- Full tuition (for both in-state and out-of-state students)
- Student health insurance for one year (August 1-July 31)
- Opportunities for funding for conference travel, study abroad, and research supplies

ELIGIBILITY

- U.S. citizenship or resident
- Full-time graduate student at The University of Alabama at the start of the program
- Seeking degree in civil engineering, environmental engineering, electrical engineering, computer science, geography, geology, mathematics, biology, and other related disciplines

PROGRAM DETAILS

- 15 credit hours of coursework in hydrology, modeling and forecasting, artificial intelligence, and decision making
- Study tours to operational hydrology facilities
- Professional development in team science, proposal development, project management, and science communication
- Connect with the NOAA National Water Center and the USGS Hydrologic Instrumentation Facility on The University of Alabama campus
- National high-level networking opportunities with government, research, and business partners
- Options for experiential learning - internships, study abroad, summer research programs
- Earn a graduate certificate in operational hydrology

APPLY TODAY

Due: January 31, 2027

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