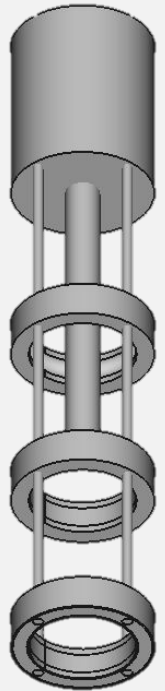


Funded Graduate Assistantship: Development of a 3D groundwater flow sensor for US Geological Survey



We are recruiting a graduate student to work on the development of a prototype 3D groundwater flow sensor. This sensor is being constructed to support the USGS Next Generation Water Observing System. A prototype will be built on an open source environmental logger platform developed by RRIV (River Restoration Information & Verification) and tested under laboratory and field conditions. This 2-year funded graduate assistantship will begin August 2023. The graduate student will work at Purdue University and be mentored by Jake Hosen (Dept. of Forestry & Natural Resources) and Keith Cherkauer (Dept. of Agricultural & Biological Engineering) in collaboration with RRIV and USGS researchers. The successful candidate will be prepared to develop and test embedded hardware and software. Proficiency in C, C++, Rust, or similar programming languages is beneficial. *Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.*

To apply for the position, or for more information, email Jake Hosen at jhosen@purdue.edu. Applicants should include a cover letter, resume, and 3 references.