

Hiring: Water Resources Internships

Up to three paid internships are available for the spring/summer of 2025.

The Interstate Commission on the Potomac River Basin's (ICPRB) mission is to enhance, protect, and conserve the waters and associated land resources of the Potomac River basin and its tributaries through regional and interstate cooperation. ICPRB has openings for up to three interns for the spring and summer semesters. The start and end dates are negotiable, approximately March to August, 2025. All internships will be completed no later than August 29, 2025. These are paid, temporary positions with flexible working hours. Pay is \$17/hr. ICPRB is located in Rockville, Maryland. Learn more at www.PotomacRiver.org.

Minimum Education: Undergraduate juniors or seniors majoring in a relevant environmental science or engineering field. Graduate students majoring in environmental science, environmental engineering, water resources or a related field preferred.

The primary tasks of these internships are to support the water resources program, assist with updating the water quality data inventory, and archive ICPRB photographs and reports. The following projects and associated tasks will be divided between up to three interns based on skill sets, interests, and project needs. Modifications may occur based on project needs and to create a positive experience for the interns.

[Water Resources Support](#) – ICPRB staff work collaboratively with basin jurisdictions to better understand and quantify watershed processes, develop stressor analysis, Total Maximum Daily Loads (TMDLs), and watershed management plans. Assistance is needed obtaining and processing input data for models such as the Soil and Water Assessment Tool (SWAT), Spatial Statistical Network (SSN) model, and CE-QUAL-W2. This position may also involve conducting literature reviews on water resources-related topics.

[Water Quality Data Sources Inventory](#) – As part of the implementation of the Potomac Basin Comprehensive Water Resources Plan, ICPRB maintains an inventory of water quality data sets available from many agencies and organizations throughout the basin. Internship tasks may include updating information currently contained in the inventory, making improvements to the web version of the inventory, and documenting the process for web updates.

[Photograph and Report Archival](#) – ICPRB maintains a large library of reference material including photographs and staff reports. Assistance is needed to print, bind, and catalog the reports and scan and tag Commission photographs for electronic storage and easy retrieval.

Proficiency with Microsoft Excel, Access, ArcGIS, R Studio, Shiny, GitHub, Adobe Lightroom, and/or reference manager software such as Zotero, Endnote, or Mendeley preferred. The interns will work in a hybrid environment with a combination of in-person hours (from ICPRB's offices in Rockville, Maryland) and virtually from the convenience of their own remote office. The interns are expected to participate in regular meetings with their supervisor and project teams. Must be authorized to work in the United States.

Submit an electronic cover letter and resume to info@icprb.org by January 10, 2025. Please include in your cover letter where you saw the internship announcement.

ICPRB is an Equal Opportunity Employer that strives to maintain a diverse workforce. No applicant or employee will be discriminated against on the basis of race, sex, gender identity, age, religion, national origin, veteran status, political affiliation, disability, or any other non-job related factors.