



NPS – GMU Hydrology Intern (Part-Time)

Department	Environmental Science & Policy (ESP)
Alternate Department Description	
Criminal Background Check	Standard Background Check through GMU and Federal Background Check through NPS
Motor Vehicle Background Check	No
Restricted Position?	Yes
Job Category	Student Wage
Role (State) Job Title	NPS Hydrology Intern (Part-Time)
Working Title	Hydrology Intern (Part-Time)
Job Type	Part-Time
Position Number	
Recruit Number	
Working Hours	Between 7am and 5:00 pm Monday – Friday, depending on location
Location	NPS locations in Washington, DC and northern Virginia, including: Manassas National Battlefield Park (MANA), 12521 Lee Highway, Manassas, VA 20109, www.nps.gov/mana , or Wolf Trap National Park for the Performing Arts (WOTR), 1551 Trap Road, Vienna, VA 22182-1643, www.nps.gov/wotr , or Prince William Forest Park (PRWI), 18100 Park Headquarters Road, Triangle, VA 22172, www.nps.gov/prwi ,
Pay Band	
Salary	\$15-\$20 per hour, depending on skills, 20-25 hours per week, for 3 months to 2 years
Web Announcement	NPS Hydrology Intern (Part-Time) The U. S. National Park Service National Capital Region is seeking a paid graduate level student with a background in GIS and Environmental Science or Hydrology to compile existing park

geospatial hydrology information into a region-wide layer for addition to the National Hydrography Dataset and National Park Service mapping tools. The intern will work closely with the Aquatic Ecologist and will be responsible for collecting and synthesizing geospatial data from existing reports, maps, and databases into one geodatabase that complies with FGDC, NHD, and NPS data standards.

Duty station is flexible within the following units of the National Capital Region, where specific projects will occur: MANA, WOTR, PRWI, ROCR, but visits to the Office of Natural Resources and Science in Washington, DC will be necessary. The intern may also have the opportunity to work on other hydrology projects and assist a number of other programs with field work.

The Office of Natural Resources and Science is based in Washington, DC and works within the 15 parks of the National Capital Region. Program areas include wildlife, integrated pest management, vegetation management, exotic plant management, inventory and monitoring network, aquatic ecology, and the urban ecology research learning alliance.

Responsibilities:

Working approximately 20 to 25 hours per week, the incumbent will support NPS inclusion in the National Hydrography Data Set. Specific duties include, but are not limited to:

- Compile existing park geospatial hydrology information into a region-wide layer for addition to the National Hydrography Dataset and National Park Service mapping tools.
- Collecting and synthesizing geospatial data from existing reports, maps, and databases into one geodatabase that complies with FGDC, NHD, and NPS data standards.
- Additional potential specific projects include mapping stormwater channels, delineating their drainage areas, and calculating their loads at MANA, WOTR, PRWI, and ROCR

Please note that this is a part-time position and the work schedule will not exceed an average of 25 hours per week.

Required Qualifications:

- Students must be enrolled in a graduate degree program in the spring of 2018 and should anticipate being enrolled in the fall semester.

	<ul style="list-style-type: none"> • If applying as a Permanent Resident Authorized to Work in the US, must have been a resident for at least 3 years to be eligible for Office of Personnel Management background check required for access to NPS internal systems • Experience with ArcGIS 10.5, Pro and Online; Microsoft Office suite • Basic understanding of the ability to digitize records • Work requires walking, climbing, bending, sitting and/or standing for extended periods of time. • Candidates should be comfortable working in a variety of field and/or lab conditions for long hours and should be able to work with the technologies and equipment necessary to collect biological data. • Strong organizational skills; • Strong attention to detail; • Ability to work independently and as part of a team; and • Proven experience of successfully meeting deadlines. • Reliable transportation to work sites <p>Preferred Qualifications:</p> <ul style="list-style-type: none"> • Experience with WQX and SQL • Experience working with federal hydrology data sets • Prior experience working with federal lands.
<p>Special Instructions to Applicants</p>	<p>For full consideration, applicants must apply for NPS Hydrology Intern . If interested, provide a current resume, transcripts, list of three professional references with contact information and letter of interest electronically to James_Pieper@nps.gov. All applications will be reviewed as they are submitted, and the advertisement will remain open until the position is filled.</p>
<p>For Full Consideration, Apply by:</p>	<p>January 18, 2018; this is a nonbinding date; this position may close at any time.</p>
<p>Posting Date</p>	<p>As Soon As Possible</p>
<p>Job Close Date</p>	
<p>Open Until Filled?</p>	<p>Yes</p>
<p>Telework Friendly?</p>	<p>No</p>
<p>Mason Ad Statement</p>	<p>Great Careers Begin at Mason!</p>

	<p>George Mason University is an innovative, entrepreneurial institution with national distinction in both academics and research. Mason holds a top <i>U.S. News and World Report</i> “Up and Coming” spot for national universities and is recognized for its global appeal and excellence in higher education.</p> <p>Mason is currently the largest and most diverse university in Virginia with students and faculty from all 50 states and over 135 countries studying in over 200 degree programs at campuses in Arlington, Fairfax and Prince William, as well as at learning locations across the commonwealth. Rooted in Mason’s diversity is a campus culture that is both rewarding and exciting, work that is meaningful, and opportunities to both collaborate and create.</p> <p>If you are interested in joining the Mason family take a look at our current opportunities and catch some Mason spirit at jobs.gmu.edu/!</p> <p>George Mason University, Where Innovation is Tradition.</p>
<p>Equity Statement</p>	<p>George Mason University is an equal opportunity/affirmative action employer, committed to promoting inclusion and equity in its community. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, gender identity, sexual orientation, national origin, disability, or protected veteran status.</p>
<p>Campus Safety Information</p>	<p>Mason’s Annual Security and Fire Safety Report is available at http://police.gmu.edu/annual-security-report/</p>

Supplemental Questions

Required fields are indicated with an asterisk (*).

1. Are you currently, or have you ever been, employed by George Mason University?
 - o Yes
 - o No

Supplemental Documents

Required Documents

1. Cover Letter
2. Resume
3. Transcripts

4. List of 3 professional references with email and telephone contact information

Optional Documents

None