

EPA Region 8 Office of Water Protection Intern Description

Position Title: Water Program Intern

Background:

This project will help Region 8 more effectively implement its Wetlands Program Development Grants (WPDG) and the Enhancing State and Tribal Programs Initiative. The intern will work with Regional Wetlands Program staff to update the Wetlands Grant Database (WGD), which houses grant data for all WPDGs nationwide. The WGD provides a platform for EPA to track grant-funded activities, prospective grantees to learn from what past grantees have accomplished, and the public to read about projects that are being conducted in their vicinity. While the WGD contains many records from Region 8, there are significant gaps that need to be addressed. Addressing these gaps will help the Region better understand the capacity of state and tribal wetland programs, promote grant products, communicate WPDG program successes, and leverage opportunities to collaborate on a wide range of issues. It is anticipated that updating the WGD will comprise 25% of the overall project.

Position Description:

The intern will analyze information contained in the updated database (through automated queries and document review) to summarize key information on projects funded by Region 8 WPDGs. This research may include (but is not limited to) information on:

- Training materials and tools to help local decision-makers integrate wetlands protection into watershed planning;
- protocols and assessment criteria that can be used to identify wetland restoration and protection priorities;
- monitoring protocols and assessment criteria that can be used to report the ambient condition of wetland resources; and/or
- methods or strategies to refine wetland GIS data and databases.

If time allows, the intern will develop a comprehensive report on wetlands GIS data that has been collected using Region 8 WPDGs. This report will detail the current state of GIS based wetlands data in Region 8 and will identify data gaps at the local, state and tribal levels. The intern will work with Region 8 Wetland Program staff to explore how the information gathered could be used to investigate ways of bridging those gaps through a change in Regional funding priorities or suggestions for changes to the implementation of the Region 8 Enhancing State and Tribal Programs plan. Depending on availability and interest, the intern will have the opportunity to perform similar analyses on databases that the EPA uses to track information related to the Clean Water Act regulatory programs.

Specific duties may include, but are not limited, to the following:

- Researching and analyzing information contained in the database;
- Summarizing key information on Region 8 funded projects;
- Developing a comprehensive report on wetlands GIS data;

Desired Skills:

- Experience using databases
- Experience in GIS
- Basic Excel
- Ability to work independently
- Works well on a team

Timeline:

2 months

Desired hours per week:

20-40

Desired start date:

Anytime.

For More Information:

Rebecca Russo, Unit Manager, 303-312-6757

To Apply: By March 31, 2017, send cover letter (indicating position(s) of interest), resume and college transcript to R8EPAintern@epa.gov.

[For additional information on how to apply and about EPA Region 8](#)