WATERSHED MAPPING INTERNSHIP

If you have GIS and mapmaking skills, and are interested in natural resources and watershed planning… this is a great opportunity for you! The **Sacramento River Watershed Program (SRWP),** a non-profit organization, is looking for the right person to assist with a watershed-wide mapping effort.

SRWP is working on an atlas-type overview of the entire Sacramento River watershed, which will include several maps showing watershed attributes such as hydrology, vegetation cover, land use, and monitoring locations. SRWP is looking for a motivated cartographer with a good aesthetic eye to design these maps using existing GIS data.

QUALIFICATIONS AND TECHNICAL SKILLS

The Watershed Mapping Intern must be self-motivated and have the ability to work as a part of geographically dispersed professional team with minimal supervision. The position requires a strong GIS skill set combined with an understanding and appreciation for graphic design principles and basic understanding of watershed processes and management issues. A personal computer with high speed internet access to perform the work is preferred. Office space will be available in midtown Sacramento; however, the intern may also work from home or other office location as needed. Essential hardware and software (GIS and graphic design) within a MS Windows operating system will be provided by SRWP through a server accessed via remote desktop. Essential knowledge and abilities of a preferred Watershed Mapping Intern include:

QUALIFICATIONS

- Graduation from or enrollment in an accredited 4-year college or university with a degree in geography, graphic design, environmental studies or science, or related field **or** completion of Geographic Information Systems certificate program.
- Graduate study in geography, GIS Science, or related field preferred
- Knowledge of watershed sciences, policy, and management
- Understanding of graphic design and cartographic principals.
- Excellent communication skills.
- Organizational skills including the ability to prioritize tasks efficiently

TECHNICAL SKILLS

- High level of proficiency with ArcGIS Desktop 9.x (ESRI) software. Demonstrated cartographic skills will be looked upon favorably.
- Experience using graphic design software (Adobe CS, Illustrator, GIMP)
- Comfortable using Microsoft Windows Terminal Services (Remote desktop)
- Familiarity with building and using map templates in ArcGIS.

COMPENSATION AND TIMEFRAME
Compensation will be provided at a rate of $20-$30/hour depending on experience. Number of maps, schedule, and amount of hours will be negotiated with the Project Team.

SUBMITTAL
If interested in being considered for this position, please submit the following:

- Resume including education, work experience, and project experience related to the Watershed Mapping Internship (2 page limit)
- Statement on why you are interested in the position and why you are a good candidate (1 page)
- Minimum of two references for which you have provided related services including name, address, and telephone number of each contact person.

The deadline for submittal is end of day on **Friday, August 22, 2008**.   Please email correspondence to marylee@sacriver.org or mail to:

Watershed Mapping Intern
Sacramento River Watershed Program
PO Box 188585
Sacramento, CA 95818

Questions regarding this solicitation may be directed to Mary Lee Knecht, Executive Director at 916.549.4017 or via email: marylee@sacriver.org.