

Colorado Water Conservation Board / Colorado Water Institute
COOPERATIVE INTERN PROGRAM
Job Description

Job Title: Intern for Basin Needs Decision Support System (BNDSS)
Position Number:
Job Location: Denver, CO
Wage: \$14 per hour
Release Date: October 1, 2009 **Apply By:** October 31, 2009
Employment Type: Part-Time (20 hours per week)
Class Code:

INTRODUCTION AND BACKGROUND:

The Colorado Water Conservation Board (CWCB) and the Colorado Water Institute (CWI) have created a cooperative intern program. The purposes of this intern program are to provide the CWCB with highly qualified undergraduate and graduate student interns. Interns will be selected based on the CWCB's specified needs described below. This cooperative intern program will provide qualified students hands on experience in the conservation, development, management, and protection of Colorado's water resources.

INFORMATION ABOUT THE JOB: This intern position is located in the CWCB's Intrastate Water Management and Development (IWMD) section, which focuses on helping prepare for and meet Colorado's future water supply needs. This includes data gathering and monitoring of current and future supply needs and issues along with management of the Basin Roundtable and Interbasin Compact Committee processes. The IWMD section is implementing a Basin Needs Decision Support System (BNDSS) to help track projects (i.e. reservoirs) and processes (i.e. conservation programs) that are being implemented by providers throughout Colorado to meet water needs originally identified by the Statewide Water Supply Initiative (SWSI) study. The CWCB will track and monitor these "IP&P's" to identify where CWCB programs can help their implementation. Their success is a critical factor in meeting Colorado's projected water supply needs. An intern is sought to help with this data collection effort.

DUTIES: Assist in the collection of data on current water supply projects, conservation plans, and non-consumptive water projects from Environmental Impact Statement (EIS) documents, Water Supply Master Plans, and other pertinent documents. The assignment will be responsible for gathering data from diverse entities throughout the State. Data will also be collected via a water provider survey currently under development. Data collection efforts may involve researching appropriate sources and/or soliciting data directly from water providers. Applicant will verify quality of all collected data, input data to BNDSS database, and perform some basic analysis of current water supply projects and processes. Relevant data includes, but is not limited to: basic water provider information; water project sizing, costs, schedules, and other elements; actual and projected water demands; actual and projected water supplies; actual and projected populations; elements of conservation plans; nonconsumptive water project information; etc.

MINIMUM REQUIREMENTS: Graduation from an accredited college or university with a bachelor's degree in engineering, geology, environmental science, or other field directly related to the assignment. Current enrollment in an engineering, earth science, or other water-related graduate program at a school in the Colorado system of higher education. **Substitutions:** Professional work experience in water supply or other water resources field, which provided the same kind, amount, and level of knowledge specified in the required education may be substituted for the bachelor's degree. **Highly Desirable:** Superb organizational skills and ability to work well with others and communicate effectively with state and local officials, other professionals, and diverse stakeholders in the water community. The successful candidate should have the ability to effectively research, communicate, and edit information in writing.

HOW TO APPLY: Please use the employment page on the Colorado Water Institute (www.cwi.colostate.edu) web site to apply for this position. Any questions regarding this posting should be directed to the Colorado Water Conservation Board (Web: cwc.state.co.us – Phone: 303-866-3441)