

ASSOCIATE HYDROLOGIST

DEFINITION: Under general supervision, performs beginning level hydrology work of a non-technical routine nature; performs a planned learning progression of the duties and responsibilities described at the next higher level; duties assigned are to familiarize incumbents with the more difficult scientific work of hydrology; performs related work as assigned.

ESSENTIAL FUNCTIONS: This list is ILLUSTRATIVE ONLY and is not a comprehensive listing of all functions and tasks performed by incumbents of this class.

TASKS:

Carries out assignments in accordance with detailed instructions and established programmatic activities; assists upper level management and/or scientific staff in the development, inspection, and improvement of the Nation's water resources; relieves higher level scientific staff of routine work; applies academic theory of hydrologic studies.

Typical work assignments includes routine collection, analysis and interpretation of hydrologic information; participates closely with scientific staff in gathering data, surveying and forecasting the Nation's water supply and yearly water runoff, applying well defined methods in collecting weather data and stream gauge readings, measuring well water level, making computations and charting water flows, etc.

KNOWLEDGE, SKILLS AND OTHER CHARACTERISTICS:

Knowledge of hydrology concepts and principles as would typically be acquired through a bachelor's degree program.

Knowledge of computer hardware, software and peripherals.

Knowledge of research methods; as well as techniques applied in analyzing and interpreting research findings and hydrologic field studies.

Skill in establishing and maintaining effective working relationships.

Ability to apply academic theory and basic principles of hydrology.

Ability to communicate effectively, both orally and in writing.

PHYSICAL REQUIREMENTS AND WORK ENVIRONMENT: Work requires field investigations over rough terrain in all weather conditions.

MINIMUM QUALIFICATIONS:

- A Bachelor's degree in Hydrology or in a related field of academic discipline. Specialized experience in hydrology is not a requirement; this is an entry-level position with no requirement for prior experience.

PREFERRED QUALIFICATIONS:

- A Bachelor's degree in Hydrology, Engineering, Environmental Science or Geology.
- One (1) year of surface water or groundwater investigations, monitoring and/or research experience.

SPECIAL REQUIREMENTS:

- Possess a valid state driver's license.

Depending upon the needs of the Nation, some incumbents of the class may be required to demonstrate fluency in both the Navajo and English languages as a condition of employment.