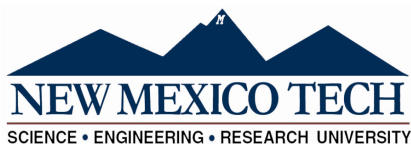


**Posted:** February 13, 2025



## POSITION ANNOUNCEMENT

**TITLE:** SENIOR RESEARCH SCIENTIST II - HYDROGEOLOGY

**DEPT:** BUREAU OF GEOLOGY

**REG**

**TEMP**

**FULL TIME**

**PART TIME**

**STARTING RATE or SALARY RANGE** \$ 77,000

Employees being promoted to a higher classified position receive the minimum for the position or a pay rate adjustment of 8% whichever is greater.

**All regular positions also entitle the employee to several benefits including health, dental, vision, life insurance, and retirement which is largely paid by New Mexico Tech for the employee and dependents.**

**INTERNAL POSTING THROUGH: Concurrent** CONSIDERATION WILL BE GIVEN FIRST TO TEMPORARY AND REGULAR TECH EMPLOYEES WHO APPLY WITHIN THE 7 DAY INTERNAL POSTING. APPLICATIONS RECEIVED AFTER THE 7 DAY POSTING MARGIN WILL BE CONSIDERED WITH OTHER OUTSIDE APPLICANTS.

### JOB SUMMARY:

This Senior Research Scientist/ Hydrogeologist position will support the Aquifer Mapping Program at the New Mexico Bureau of Geology in its mission to characterize the aquifers and groundwater resources across New Mexico. Primary responsibilities will include conducting geologic research to support regional and statewide hydrogeologic studies. This senior position will be responsible for leading a team of researchers and/or contractors to compile data, build aquifer framework interpretations, develop geologic models, collect new data (including drilling wells, geologic mapping, sampling, and geophysical surveys), as well as leading interpretations and publishing/presenting results. This senior position involves managing project funding and working within budgets and timelines provided. At least 10 years of experience leading or supporting large-scale, regional geologic characterizations and hydrogeologic studies is required. Direct knowledge of New Mexico geology and experience in leading or supporting reservoir management programs and interpreting large subsurface datasets (of hundreds to thousands of wells) is preferred. This position may be partially supported by contracts and is contingent on continued funding awards.

### JOB FUNCTIONS:

Conduct hydrogeologic research utilizing geologic, hydrologic, geochemical, and geophysical data; lead teams to develop interpretations and characterizations of New Mexico aquifers using existing and new data, utilize GIS and other software, and guide decisions on new data collection. Prepare technical reports and maps to accompany hydrogeologic research; publish hydrogeologic research in appropriate outlets. Review and manage budgets and funding to support hydrogeologic research. Help build teams of staff or contractors to address project needs for data compilation, assessments, modeling, data collection, and interpretation of hydrogeologic framework studies. Interact with private citizens, businesses, government agencies, Indian tribes, federal, state and local government representatives, and other stakeholders concerning the geology and hydrogeology of New Mexico.

### REQUIRED QUALIFICATIONS:

Ph.D. or other doctorate level equivalent in Earth sciences, hydrology, geology, water related engineering. Comfort speaking to both scientific and non-scientific public on a daily basis. GIS and other modeling software. Microsoft and Google based products. Groundwater research skills including modeling, data

collection methods, geophysical data collection /processing. Strong background and familiarity with New Mexico geology and hydrology.

**LIFTING REQUIREMENTS:**

(f)requently, (o)ccasionally, or (s)eldom

0 - 15 pounds	F
15 - 30 pounds	F
30 - 50 pounds	O
50 - 100 pounds	S
100 + pounds	

**PHYSICAL DEMANDS:**

Standing 20%	Sitting 70%	Walking 10%	Pulling
Pushing	Lifting	Stooping	Kneeling
Crawling	Climbing	Reaching 2	Other

Apply to: [nmtjobapps@npe.nmt.edu](mailto:nmtjobapps@npe.nmt.edu)