Posted: April 7, 2026

NEW MEXICO TECH
SCIENCE • ENGINEERING • RESEARCH UNIVERSITY

POSITION ANNOUNCEMENT

TITLE: RESEARCH ASSOCIATE II – RESEARCH SCIENTIST I/SUBSURFACE MODELER

DEPT: BUREAU OF GEOLOGY

REG ☑ TEMP ☐ FULL TIME ☑ PART TIME ☐

STARTING RATE or SALARY RANGE $54,000 - $76,305
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: 04/03/2026* 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:

We are seeking up to two individuals with expertise in subsurface geology and modeling, particularly hydrogeology, or related fields such as petroleum, geothermal, or structural geology. These research position will focus primarily on topics that are relevant New Mexico's goal to map our aquifers and brackish water resources statewide. The position could involve examining geophysical well logs, drill cuttings and cores, compiling subsurface geologic information including airborne and ground based geophysical surveys into models and databases, and preparing outreach materials for Bureau of Geology use. We are seeking both entry-level and mid-level scientists to compile model input data into comprehensive GIS packages which will support subsurface modeling in a variety of modeling software platforms such as Petrel, Kingdom, MOVE and ArcGIS. Strong experience in GIS and/or modeling software is a must for a successful applicant.

JOB FUNCTIONS:

Conduct original applied research on subsurface geology and hydrogeologic surfaces. Utilizing modern platforms, software, instrumentation and analytical techniques as well as geophysical, sedimentologic, stratigraphic and structural concepts to support subsurface characterization and modeling efforts.

Collaborate with multiple data providers, data sources and staff at Bureau within the Aquifer Mapping Program, Water Data Program, Oil and Gas Program, Geothermal Program, and Leadership and IT Services to organize, digitize and archive data, well logs and hydrogeology-related data sets for both internal research and to the public.

REQUIRED QUALIFICATIONS:

Master's Degree in Geoscience or Earth Science with specialization in subsurface geology / hydrology. If applicant has MS, but not PhD, then 5 years of experience in industry, relevant USGS or relevant state geological survey experience. Experience reviewing and creating models using geophysical and remote

sensing techniques. Experience in modeling software such as Petrel, Kingdom, Leapfrog, Move, etc R Experience in ArcPro GIS platform.

DESIRED QUALIFICATIONS:

Ph.D. or other doctorate level equivalent in Geoscience or Earth Science with specialization in subsurface geology / hydrology.

LIFTING REQUIREMENTS:

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

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

PHYSICAL DEMANDS:

Standing 10%	Sitting 90%	Walking	Pulling
Pushing	Lifting	Stooping	Kneeling
Crawling	Climbing	Reaching	Other

Apply to: nmtjobapps@npe.nmt.edu