

**New Mexico Tech invites applications for
2 Assistant Professors: Hydrology and Hydrogeochemistry**

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Position Description: The New Mexico Institute of Mining and Technology (NMT) invites applications for two tenure-track, Assistant Professor positions in Hydrology. Applicants should have a Ph.D. in Earth Sciences, Civil Engineering, Environmental Engineering, or a related field at the time of appointment. For the first position, we seek candidates with interests in flow and transport in porous and fractured media, hyporheic zone studies, vadose zone hydrology, hydrogeophysics, and/or hydrogeomechanics. For the second position, in hydrochemistry, we seek candidates with interests in aqueous geochemistry and isotope hydrology or contaminant hydrology. For both positions, potential for excellence in teaching and research are the most important qualifications. Responsibilities will include developing an active program of extramurally funded research, supervising and supporting M.S. and Ph.D. students, teaching graduate and/or undergraduate courses, and service to the Department, Institute, and at the national/international level.

Department Description: NMT specializes in science and engineering education and research and has a present enrollment of approximately 2200 undergraduate and graduate students. The successful candidates will join the Earth and Environmental Science Department, which consists of 16 faculty and about 50 undergraduate and 70 graduate students. The department has strong programs in Hydrology, Geophysics, Geology, and Geochemistry and has a history of interdisciplinary research. Additional geoscience professionals on campus include over 30 staff members of the New Mexico Bureau of Geology and Mineral Resources, plus faculty and researchers in the Petroleum Recovery Research Center and the IRIS PASSCAL Instrument Center. Analytical facilities on campus include the state-of-the-art New Mexico Geochronology Research Laboratory (⁴⁰Ar/³⁹Ar), a stable-isotope laboratory, electron microprobe, XRD, ICP-MS systems for trace-element analysis (including a laser-ablation ICP-MS), fission-track and cosmogenic isotope facilities, and soil chemistry lab.

Application Deadline: Applicants should submit a letter of interest, CV, statements of teaching and research interests, one representative publication, and the names of three references in a single pdf sent to Rosa Jaramillo (nmtjobapps@npe.nmt.edu) and mark.person@nmt.edu. Review of applications will begin October 1, 2018. Inquiries should be directed to Hydrology search committee chair, Mark Person (mark.person@nmt.edu).

Equal Employment Opportunity: NMT is committed to creating a community in which a diverse population can learn, live, and work in an atmosphere of tolerance, civility and respect for the rights and sensibilities of each individual. NMT is an Equal Opportunity Employer.

Benefits: Excellent benefits (health, vision, dental), tuition fee waiver, and a generous retirement plan. New Mexico Tech is aware of the challenges of dual-career couples, and provides limited assistance to qualified individuals.

Regional Attractions: New Mexico Tech is located in Socorro, in the scenic Rio Grande River Valley of central New Mexico, 75 miles south of Albuquerque with its many attractions, and 139 miles south of Santa Fe. Nearby mountains and desert canyons provide opportunities for excellent hiking, climbing, and mountain biking. The Bosque del Apache National Wildlife Refuge, located just south of Socorro along a major north-south flyway, offers some of the best birding in the USA