



From the File Room to the Field of Applied Geology, A Career Discussion

ABSTRACT

There are many different career path options in the fields of Environmental & Engineering Geology. Career path considerations may include geographic location, family/work balance and advancement opportunities. As a non-traditional student, I'll briefly discuss my career path as an Engineering Geologist and Environmental Engineer over the last 30 years and the path I took to get there. I'll then highlight various career path options that are available for recent graduates and young professionals, from employment as a consultant for a consulting firm to serving as a public servant for a government agency. I'll also discuss the importance of Geosciences Professional Licensure and the current requirements to obtain and retain licensure.

BIOGRAPHY

Cynthia Delaney Palomares has over 30 years of experience as both an Engineering Geologist and Environmental Engineer. Her last position was as an Adjunct Instructor (retired), at Texas A&M University, Texas Engineering Extension Service (TEEX) in College Station, TX, from 2016 – 2020. As an adjunct instructor, Ms. Palomares conducted training courses for environmental professionals for certification of Hazardous Waste Operations and Emergency Response. Prior to working for TEEX, Ms. Palomares was a Project Manager, at Texas Commission on Environmental Quality, Austin, TX, from 1993 –2016. As a project manager in the Industrial & Hazardous Waste Permits Section, Ms. Palomares reviewed and evaluated hazardous waste permit applications, compliance reports and notices of waste management activities for both regulatory and technical completeness to ensure compliance with applicable hazardous waste, radioactive waste and Texas Risk Reduction Program rules and regulations. In addition, Ms. Palomares was a member of the Waste Permits Division Disaster Response team and was also a project manager for RCRA Authorization rule projects that adopt EPA hazardous waste amendments into Texas Administrative Code regulations. Prior to her position as a project manager in the I&HW Permits Section, Ms. Palomares conducted technical reviews and processed applications for underground injection control (UIC) and in situ leachate uranium mining facilities in the UIC/Radioactive Waste Section of the TCEQ. In 2016, Ms. Palomares was recognized for 25 years of service with the State of Texas. Prior to employment with the TCEQ, Ms. Palomares was employed as a staff scientist for Westinghouse Hanford Company in Richland, Washington for 3 years. Ms. Palomares earned a Bachelor of Science in Engineering Geology from Texas A&M University, College Station, TX, and a Master of Science in Engineering Geology from Texas A&M University, College Station, TX in 1990. She is both a licensed Professional Geologist and Licensed Professional Engineer in Texas.

GRADUATE SEMINAR

DATE:

Friday
February 02, 2024



TIME:

4:00-5:00 PM

PRESENTER:

Cynthia Delaney Palomares, P.G., P.E.

LOCATION:

Via zoom



LINK TO ACCESS MEETING:

<https://utsa.zoom.us/j/99522920400?pwd=dlV3MEhtN2wxeE1rWWdtVkVIQWpsZz09>