

CURRICULUM VITAE- CAROLINE S. SEIBLY

Staff Geologist

Current Address

COTTON, SHIRES AND ASSOCIATES, INC.

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Education

B.A. Physics, Geology minor, California Polytechnic State University, San Luis Obispo (Cal Poly SLO), 2023

Representative Experience

As a staff geologist at Cotton, Shires and Associates, Inc. (CSA), Ms. Seibly has worked on a variety of projects including topographic and geological surveying, logging of exploratory boreholes, logging of test shafts, laboratory analysis of geologic samples, construction observation, and monitoring of slope inclinometers and other instrumentation.

As an undergraduate researcher at Cal Poly, SLO, Ms. Seibly led geophysical surveys to identify aquifer resources and potential well drilling sites for hard-rock aquifers in weathered Salinian Block granite. During this time, Ms. Seibly gained experience utilizing techniques such as electrical resistivity tomography and nuclear magnetic resonance. Ms. Seibly also conducted research imaging and assessing near-surface soil moisture in a restored montane meadow, as well as assisting in seismic detection of a hydrous melt layer in the earth's mantle.

Professional History

Staff Geologist, Cotton, Shires and Associated, Inc., August 2024-present

Undergraduate Researcher- Cal Poly, SLO, June 2021-March 2023

Student Grader, Physical Geology- Cal Poly SLO, January 2022-March 2023