

CURRICULUM VITAE – KATHRYN A. SHURTLEFF

Staff Engineer

Current Address

COTTON, SHIRES AND ASSOCIATES, INC.
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Registration

Registered Engineer in Training in California No. 161247

Education

BS, Geology / Engineering Geology, University of California, Los Angeles, California, 2016
MS, Geotechnical Engineering, University of California, Berkeley, California, 2017

Representative Experience

As a staff engineer, Ms. Shurtleff has assisted Cotton, Shires and Associates (CSA) with the following field tasks: topographic surveying, distress mapping, logging of exploratory boreholes and test pits, compaction testing, and installation and monitoring of inclinometers, piezometers, and wells. In addition to field work, Ms. Shurtleff assists CSA with foundation analysis, slope stability analysis, seismic response analysis and liquefaction analysis, foundation design, retaining wall design, laboratory testing (Atterberg ASTM D4318, Sieve ASTM C136, 200 wash ASTM D1140, Compaction curves ASTM D1557, Hydrometer ASTM D422, Moisture content ASTM D2216, Wet and dry density), and carrying out peer reviews of on-going and proposed work done in the bay area.

Ms. Shurtleff is proficient with the following programs to carry out the above-mentioned tasks: AutoCAD, Adobe Illustrator, Geo-Slope SLOPE/W, Plaxis, DEEPSOIL, and various programs within the Rocscience suite.

Professional History

Staff Engineer, Cotton, Shires and Associates, Inc., August 2017 to present
Graduate Student Instructor, University of California, Berkeley, September 2016 to May 2017
Geotechnical Engineering Intern, Shannon & Wilson Inc., Summer 2016
Student Researcher, ELFIN satellite, December 2013 to May 2016