

CURRICULUM VITAE - RYAN M. REYNOLDS

Senior GIS Analyst
Senior Geomorphologist

Current Address

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Education

MA, Physical Geography (Fluvial Geomorphology), California State University, Northridge, 2011
BA, Physical Geography, San Diego State University, 2006

Representative Experience

Mr. Reynolds has over seven years of professional experience as a GIS Analyst at Cotton, Shires and Associates, Inc. GIS projects with CSA include municipal geologic maps, movement potential maps, and geologic and geotechnical hazard mapping of canals, penstocks and gaslines through California. In addition to GIS mapping skills, Mr. Reynolds also gained experience collecting and processing terrestrial LiDAR data.

As a geomorphologist Mr. Reynolds has worked on a variety of projects including geologic and geotechnical peer reviews for Bay Area municipalities, topographic surveying, analysis of aerial photograph, logging of exploratory boreholes and test pits, installing and monitoring of slope inclinometers and other instrumentation, and construction inspecting and testing.

Professional History

Staff GIS Analyst/Geomorphologist to Senior GIS Analyst/Geomorphologist, Cotton, Shires and Associates, Inc., August 2011 to present

Publications

ENGINEERING GEOLOGIC HAZARD MAPPING OF WATER CONVEYANCE CANALS: DATA ACQUISITION TECHNIQUES AND TECHNOLOGY, 2016 (with D. Marcum, J. Wallace, E. Steen and R. McManus), Applied Geology in California, Association of Engineering Geologists Special Publication