



PCPG

Pennsylvania Council of Professional Geologists
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PG Review Course for the Practicing Geologist & ASBOG® Exam Prep Virtual Webinar Series: Summer 2023

Presented in conjunction with
the Pittsburgh Geological Society



Tuesday, July 25, 2023

General and Field Geology, Geomorphology (75 mins.)

Rachel O'Brien, PhD. P.G., Allegheny College

Mineralogy, Igneous and Metamorphic Petrology (75 mins.)

Kurt Frieauf, PhD. P.G., Kutztown University of Pennsylvania

About Our Instructors

Rachel O'Brien, PhD, P.G., Managing Principal (Geoscience Services) - Rachel owns a small environmental consulting business to provide continuing professional education courses and geologic hazards assessment for residential properties. She received her B.A. in geology from Colgate University and an M.S. and Ph.D. in geology from Washington State University. In between her degrees, she has managed a soils research lab, worked in the NJ Department of Environmental Protection, and worked overseas at the Danish Geotechnical Institute. She also completed a pre- doctoral research appointment at Oak Ridge National Lab. As of 2023, Rachel is an Emeritus Faculty at Allegheny College. For more than 20 years, she taught Physical Geology, Geologic Hazards, Field Geology, Geochemistry, and Hydrogeology.

Kurt Frieauf, PhD, P.G. (Kutztown University) - Dr. Kurt Frieauf is an economic geologist and professor at Kutztown University of Pennsylvania. Dr. Frieauf earned a B.Sc. in geology from Colorado State University, a Ph.D. in geology from Stanford University, and is a registered Professional Geologist in the Commonwealth of Pennsylvania. He has worked as a gold exploration geologist (AK, CO, NM, NV) and as an underground mine geologist (AZ). His research focuses on integrating detailed surface and underground geologic mapping and core logging with petrographic/geochemical analyses in the lab to understand ore-forming processes and develop practical exploration methods for finding ore deposits (Namibia Cu, China REE+Mo, West Papua Indonesia Cu+Au, Pennsylvania Fe, Arizona Cu+Au).