



UAA College of Engineering
UNIVERSITY of ALASKA ANCHORAGE



UAA Professional Development Seminar Series

Rockfall Mitigation Tactics and Techniques

Presented by Dr. Martin Woodard,
Chief Rockfall Engineer,
GeoStabilization International

Rockfalls present hazards in numerous settings including along transportation routes, mines and quarries, and dams. This seminar will discuss how to identify and characterize rockfall hazards and review the different mitigation options available. The presentation will also include discussion of constructability concerns, cost of construction, and subsequent future maintenance.

Dr. Martin Woodard is GeoStabilization's Chief Rockfall Engineer. Both a professional engineer and geologist whose experience includes investigation, design, and implementation of remediation techniques for unstable soil and rock slopes, Marty has significant experience in rock slope stability, rock slope rating systems, subsurface geology and geotechnical interpretation, landslide investigations, foundation analysis, and geologic reconnaissance. His expertise is in rock mass characterization, rock slope engineering, and rockfall remediation and control. Marty earned a B.A in Geology from the State University of New York at Potsdam College, a M.S. in Environmental and Engineering Geosciences from Radford University (Virginia), and a Ph.D. in Engineering Geology from Kent State University in Ohio. He has authored the Rockfall Hazard Rating Matrix and Rock Slope Design Manual for the Ohio Department of Transportation and has worked throughout the United States and South & Central America.

Friday, November 20th, 2020

11:45 am-12:45 pm

Online Via [YouTube Live](#)