



DUKE GEOLOGICAL LABORATORY
55 Spongia Road
Stone Ridge, NY 12484

Our 42nd Year

Phone: 845-687-6386
E-Mail: Charlesm@dukelabs.com
Web: www.dukelabs.com

DUKELABS LECTURE TOPICS (by Charles Merguerian, PhD)

Constructing the Second Avenue Subway Tunnel, NYC
Geology of the NYC Aqueduct System
Bedrock and Glacial Geology of the New York Botanical Garden, Bronx, NY
Geology and Mineralogy of the Inwood Marble, NYC, NY
Constructing the Harlem River Tunnel, NYC
Megaconstruction Projects in NYC
Bedrock and Glacial Geology of the World Trade Center Site
Catastrophic Glacial Flood through the Narrows
Earthquakes Faults and Faulting in New York City - Can it Happen Here?
Geology and Mineralogy of the Bear Mountain Area
Geology and Sedimentology of Ocean Basins
Geology and the Abyss of Time
Geology of Central Park
Geology of Connecticut
Geology of New Jersey
Geology of Deep Tunnels in NYC
Geology of Hawaii and the Hawaiian Hot Spot
Geology of NYC Parks
Geology of the Grand Canyon and Northern Arizona
Geology of the Moon
Geology of the New York City Aqueduct System
Geology of the Palisades and the Newark Basin
Geology of the Planets
Geology of the Sierra Nevada Range, California
Geology of Yellowstone Park and the Grand Tetons
Glacial Geology of New York City
Gold Mining History of California
History of Rocketry and Space Travel
Metamorphism and Metamorphic Rocks
Minerals and Iron Mines of the Hudson Highlands
Minerals of the Queens Tunnel
Mines and Minerals of Western Connecticut
Name That Rock - Identifying Rocks and Minerals
Ore Deposits and Their Relationship to Plate Tectonics
Plate Tectonics and Mountain Building
Structural Geology of New York City
Structural Geology and Tectonics of the World Trade Center
The Cascade Volcanic Province, Western United States
Understanding Geological Maps
Volcanic- and Plutonic Rocks

Topics are covered in roughly one hour and are illustrated with Powerpoint slides and movies. Our 2017 fees average \$375 US per lecture depending upon travel requirements. Special arrangements can be made to discuss topics not listed above.