

All are invited to attend the monthly meeting of **Nittany Mineralogical Society**
Wednesday, Nov. 14, 2018 - Room 114 EESB, Penn State

Geology, scenery and natural history of New Zealand

by **Dr. Charles E. Miller, Jr.**

*Our November meeting will be held Wednesday the 14th in room 114 (the large auditorium) **Earth & Engineering Sciences Building** on the west side of the Penn State campus in State College, PA. Maps are available on our web site.*

*6:45 to 7:45 p.m.: **Social hour**, refreshments in the lobby.*

7:45 to 8:00 p.m.: announcements, questions, answers

*about **8:00 p.m.:** **featured program***

*The event has free admission, free parking, and free refreshments, and is open to all; **parents/guardians must provide supervision of minors.** Bring your friends and share an interesting evening!*



Moeraki Boulders, New Zealand. *Image by the author.*

New Zealand offers geology, scenery, and natural history that are beguiling to many. The country largely consists of North and South Island. Although separated by only 50 miles, the two islands have significantly different physical characteristics. Active volcanoes and geothermal features – geysers, fumaroles, and hot springs – are found only on North Island. The Southern Alps are on South Island. These mountains rise to over 12,000 feet and include many glaciers. In comparison, North Island mountains are less developed and have no glaciers. This talk discusses geologic processes that created differences between the two islands.

Active geology in New Zealand creates frequent earthquakes, geothermal areas, spectacular shorelines, glaciers, volcanoes, and other geologic features. It is also the home of the world-famous glowworms, the world's rarest penguin (the yellow-eyed penguin) as well as the famous kiwi, seals, sea lions, and much more.

Please join us for this well-illustrated presentation!

See web site for any updates or changes:

www.nittanymineral.org