



UBC GEOLOGICAL ENGINEERING
AND THE
VANCOUVER GEOTECHNICAL SOCIETY
PROUDLY PRESENT

THE GEOLOGICAL ENGINEERING 2017 DISTINGUISHED LECTURE

“Importance of Geology and Rock Mechanics in the Siting and Construction of Dams”

By Prof. Richard Goodman
University of California Berkeley

Thursday, March 23rd, 2017 @ 6:30 pm
(refreshments and mingling from 5:30 to 6:30pm)

ESB 1013, Earth Science Building, University of British Columbia
(Link: [Building location and parking information](#))

Public lecture, all are welcome

The Talk: The serious difficulties with dam foundations containing soluble limestones and evaporates are well known and appreciated. But important problems can also develop with dam foundations on non-soluble rock formations by virtue of geologic structural features. This lecture will describe a number of relevant and instructive case histories of dam safety reviews and the measures that were taken to assure foundation safety. These cases illustrate the importance of fully respecting and interpreting geologic and rock mechanics details in the siting and construction of dams.

The Speaker: Prof. Richard Goodman hardly needs any introduction. As Professor of Geological Engineering at the University of California Berkeley from 1964 to 1994, Richard Goodman played an instrumental role in the development and application of rock mechanics to geotechnical engineering problems. His activities include consulting on the engineering geology of numerous dam and power projects in the United States and South America, and sharing his experiences through several influential books and technical papers. He is a member of the National Academy of Engineering, a Rankine Lecturer, and recipient of numerous awards including the ASCE H. Bolton Seed Medal and ARMA Lifetime Achievement Award.