

The Burt Slemmons
Lecture Series Presents:

" Science, Engineering, and Decision Making for Natural Disasters"

by

Dr. Lloyd S. Cluff

Director, Geosciences Dept.
Earthquake Risk Management
Pacific Gas & Electric Company.

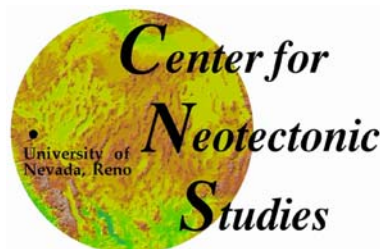
Friday September, 22 2006

3:00-4:00pm

William Raggio Building, Room #1003
(WRB 1003)

Light refreshments will be served at 2:30pm.

Dr. Cluff is an expert on the use of better earthquake science to make better engineering and business decisions.



Dr. Lloyd S. Cluff is director of the Geosciences Department at the Pacific Gas & Electric Company, San Francisco, 1985-present and is an expert on the use of better earthquake science to make better engineering and business decisions. He directs PG&E's Earthquake Risk Management Program. Prior to joining PG&E, he was director of geosciences for 25 years at Woodward-Clyde Consultants, in San Francisco, where he directed siting and design evaluations for critical facilities worldwide. He was a commissioner on the California Seismic Safety Commission for 15 years and served as its chairman for two terms. Dr. Cluff has served the National Research Council in a number of capacities: as chair of the Committee on Practical Lessons from the Loma Prieta Earthquake, as a member of the U.S. National Committee for the Decade for Natural Disaster Reduction, and as a member of the Board on Earth Sciences and Resources. He has also served as a member of numerous NRC committees, including the Subcommittee on Earthquake Research and the Committee on Earthquake Engineering Research. He holds a B.S. in geology from the University of Utah, Salt Lake City. Dr. Cluff also served as an Associate Professor of Geology & Geophysics (visiting) at UNR from 1967-1973. In 1978 he was elected a member of the National Academy of Engineering. He has authored & co-authored more than 180 technical papers on subjects relating to seismic geology, paleoseismicity, regional seismicity, earthquake hazards and risk, earthquake engineering, and seismic safety of critical facilities. Lloyd is presently chairman of the DOI (USGS) congressionally mandated Scientific Earthquake Studies Advisory Committee for the NEHRP. In 2000 the USGS awarded him the John Wesley Powell Award, the highest citizens' award in the Department of Interior and the USGS, for his contributions to seismic safety. He is also the recipient of the Senator Alquist Medal from the California Earthquake Safety Foundation for his leadership in improved seismic safety for California. He was awarded the 2006 Western States Seismic Policy Council's Award of Excellence for Lifetime Achievements in Earthquake Risk Reduction.