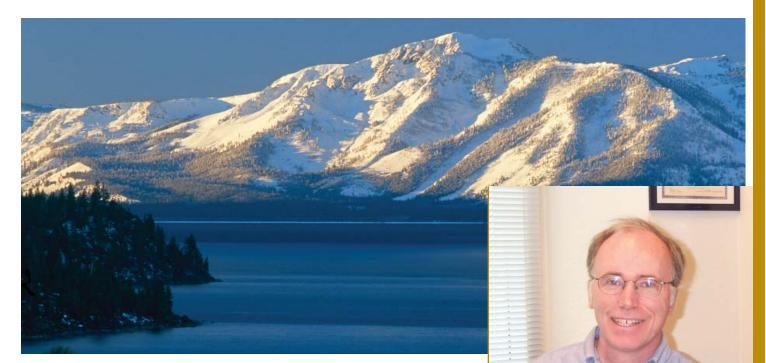# THE COLLAPSE OF CALIFORNIA'S WATER SYSTEM: FROM DISASTERS TO DECISIONS
LECTURE WITH PROFESSOR JAY LUND (UC DAVIS)

Date: Wednesday, December 5, 2007

Time: 5:30 – 7:30 p.m.
Lecture begins promptly at 6:00 p.m.

Cost: $5 donation requested. No-Host Bar.

Location: Assembly Rooms 139 & 141,
Tahoe Center for Environmental Sciences
291 Country Club Drive, Incline Village, Nevada
(on the campus of Sierra Nevada College)

Jay R. Lund is a Professor of Civil and Environmental Engineering at the University of California, Davis. His principal specialties are simulation, optimization, and management of large-scale water and environmental systems, the application of economic ideas and methods, reservoir operation theory, and water demand theory and methods.

California's water management system faces a host of challenges from continued population and economic growth, environmental decline, and climate change. Important parts of the system are headed for collapse. What options are available? And how can such complex problems be addressed under such difficult political, financial, and environmental circumstances? Results from several technical studies are presented which provide insights and implications for these questions.

Dr. Lund served on Advisory Committees for the 1998 and 2005 California Water Plans, as Convener of the California Water and Environment Modeling Forum, and Editor of the Journal of Water Resources Planning and Management. He is a member of the International Water Academy and has won several awards for water-related research and service from the American Society of Civil Engineers. He is the principal developer of the CALVIN economic-engineering optimization model of California's inter-tied water supply system, applied regionally and statewide to explore water markets, conjunctive use, integrated water management, climate change, and environmental restoration. He has had a major role in water and environmental system modeling projects in California, the United States, and overseas.

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