LAKE TAHOE: STATE OF THE LAKE

DECEMBER 13, 2012 | NO-HOST BAR AT 5:30 PROGRAM BEGINS 6 PM | $5 DONATION SUGGESTED

In the *UC Davis Tahoe: State of the Lake Report*, we summarize how natural variability, long term change and human activity have affected the lake's clarity, physics, chemistry and biology. The data shown reveal a unique record of trends and patterns – the result of natural forces and human actions that operate at time scales ranging from days to decades. These patterns tell us that Lake Tahoe is a complex ecosystem, behaving in ways we don't always expect.

Was Lake Tahoe warmer or cooler than the historical record last year? Are the inputs of algal nutrients contributing to the lake declining? How much are invasive species affecting Lake Tahoe? And, of course, how do all these changes affect the lake's famous clarity? Join UC Davis director Geoff Schladow for an entertaining presentation on the State of the Lake.

GEOFF SCHLADOW

Geoffrey Schladow is a Professor of Civil and Environmental Engineering at UC Davis, and Director of the Tahoe Environmental Research Center. He is an expert in the areas of environmental fluid mechanics, water quality modeling, and the dynamics of lakes, reservoirs, rivers and estuaries. Dr. Schladow has worked on lakes in every continent, including the three largest lakes in California – Lake Tahoe, Clear Lake and the Salton Sea. His published and presented work includes field and modeling studies, remote sensing of aquatic systems and climate change effects.

UCDAVIS TAHOE ENVIRONMENTAL RESEARCH CENTER

Additional sponsorship by: THE WEEKLY

Tahoe Center for Environmental Sciences, 291 Country Club Dr., Incline Village | tercinfo@ucdavis.edu | 775-881-7560