



Can We Keep Lake Tahoe Blue? *Happy Hour with Dr. Geoffrey Schladow*

Date: Tuesday, November 28, 2006

Time: 5:30 – 7:00 p.m.

Cost: \$5 donation requested.

Includes a **No-Host Bar**.

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

Lecture Topic: Science Shows It Is Possible To Keep Lake Tahoe Blue

Recent findings show that reducing pollution could maintain Lake Tahoe's world-famous clarity and even restore clarity to 1970 levels! Conclusions are based on the significant scientific efforts of more than 150 professionals and scientists conducted over the past five years including new research, monitoring, analysis of historic data, and environmental modeling (computer modeling). This new analysis of the major sources of nutrients and fine sediment loading contributed to development of the *Lake Clarity Model* which provides evidence that achieving lake clarity goals is possible. In fact, if all pollutants affecting lake clarity were reduced by approximately 30 - 40 percent, Tahoe's clarity could be restored to more than 100 feet.

Dr. Geoffrey Schladow is the founding director of the UC Davis Tahoe Environmental Research Center. As director of the largest limnological facility west of the Great Lakes, Dr. Schladow is uniquely qualified in serving as the focal point for UC Davis' research, teaching and outreach agenda at Lake Tahoe. Dr. Schladow, who holds a doctoral degree in civil engineering, is an expert in the areas of environmental fluid mechanics, water quality modeling, and the dynamics of inland waters. He is developing computer models to link stream flow, meteorological and remote-sensing information that provide Tahoe decision-makers new management tools. Originally from Australia, Dr. Schladow has been on the faculty of the Department of Civil and Environmental Engineering at UC Davis since 1993.

Sponsorship: Event sponsored by the UC Davis Tahoe Environmental Research Center and Sierra Nevada College.

Monthly Lecture Series: The UC Davis Tahoe Environmental Research Center (TERC) *Monthly Lecture Series* will provide a forum for community members to gain access to scientific experts. The *Monthly Lecture Series* will present interesting topics in science, from A to Z (air quality to zooplankton), and topics pertinent to the region, directly to enthusiasts in nearby communities. Speakers include authorities on various environmental issues, scientific research and related regional topics of interest.