

WARMING TRENDS IN THE TAHOE BASIN

HAPPY HOUR WITH ROBERT COATS, PH.D. (HYDROIKOS LTD.)



Date: Wednesday, June 6, 2007
Time: 5:30 – 7:00 p.m.
Lecture begins promptly at 6:00 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)

Robert Coats has a Ph.D. in Wildland Resource Science from U.C. Berkeley, and has worked with the UC Davis Tahoe Environmental Research Center since 1971. His work in the Tahoe Basin has focused on the water quality impacts of land use and (more recently) on climate change impacts. He is an Associate in the U.C. Davis Agricultural Experiment Station (at the Dept. of Environmental Science & Policy), and owner of the consulting firm Hydroikos Ltd.

Climate scientists agree that the earth's atmosphere and oceans are warming and the consequences will fall somewhere between serious and catastrophic. At Lake Tahoe, the impacts of the warming trend include profound implications for the lake's biota and future clarity, earlier spring snowmelt, a shift from snow to rain as the dominant form of precipitation, changes in runoff, and declining forest health.

Although solutions to the causes of global warming lie at the national and international level, addressing the consequences will be very much a state, regional and local responsibility. Armed with a better understanding of these consequences, local managers can begin now to plan for a warmer future at Tahoe.