



A Symposium on Coping with Climate Change in Sierran Systems: Incorporating Climate into Land and Resource Management and Developing Adaptation Strategies

Tuesday & Wednesday, March 17 -18, 2009

8:00am to 5:30pm (*both days*)

Tahoe Center for Environmental Sciences Building
291 Country Club Drive, Incline Village, NV 89451

DAY ONE: March 17, 2009

8:00 - Registration

8:30 - Symposium introduction and agenda review – Zach Hymanson (Tahoe Science Consortium)

8:40 - Sierra Nevada Alliance Sierra Climate Change Toolkit Introduction – Marion Gee (Sierra Nevada Alliance)

8:45 - 10:00 Summarizing the likely effects of climate change on Sierra Nevada meteorology and hydrology

- Sierra meteorology in response to a changing climate – Kelly Redmond (Desert Research Institute)
- Sierra hydrology in response to a changing climate. – Noah Knowles (U.S. Geological Survey)

10:00 - 10:30 Break

10:30 - 12:30 Forest ecosystem management: conservation strategies for adapting to climate change

- Climate-management framework, and introduction to tactical projects on case study forests and parks Connie Millar (USFS-Pacific Southwest Research Station)
- Climate toolkit project: Summary from the Tahoe National Forest case study – Sharon Yeh (USFS– Region 5/ Pacific Southwest Research Station) and Nikola Smith (USFS-Washington Office / Pacific Southwest Research Station)
- Climate change and Sierra Nevada yellow-legged frogs — Kathleen Matthews (USFS-Pacific Southwest Research)

12:30 - 2:00 Lunch Break

2:00 - 4:30 Forest management strategies for adapting to wildfire risk under climate change

- Effects of climate change on wildfire risks –Tony Westerling (University of California, Merced)
- Silviculture and forest management under changing climate – Carl Skinner (USFS-Pacific Southwest Research)
- Forest management strategies to avoid high severity fire and reduce carbon emissions – Matt Hurteau (Northern Arizona University)

3:30 - 4:00 Afternoon Break

- Forest management strategies for fuels reduction and sensitive species under changing climate conditions – Malcolm North (USFS-Pacific Southwest Research)

4:30 - 5:30 Forest management, agency/stakeholder panel

- Eli Ilano (USFS/Lake Tahoe Basin Management Unit), Tina Carlsen (California Tahoe Conservancy), Roland Shaw (Nevada Division of Forestry), Susan Britting (Sierra Forest Legacy), and Mike Vollmer (Tahoe Regional Planning Agency)

DAY TWO: March 18, 2009

8:00 - Registration

8:20 - Symposium introduction and agenda review – Zach Hymanson (Tahoe Science Consortium)

8:30 - 12:30 Climate changes and adaptation strategies for Lake Tahoe and its watershed

- What will Lake Tahoe look like in the 21st Century – Geoff Schladow (UC Davis Tahoe Environmental Research Center)
- Visible impacts to Lake Tahoe's invisible biota in response to climate change – Monika Winder (UC Davis TERC)
- Aquatic invasive species in a warming lake – Sudeep Chandra (University of Nevada Reno) and Marion Wittmann (UC Davis TERC)

10:00 - 10:30 Break

- Facing future climate change: a view from the watersheds – Bob Coats (UC Davis TERC and Hydroikos)
- Climate impacts on airborne particle concentrations in California: implications for atmospheric deposition – Michael Kleeman (UC Davis)

12:00 - 1:30 Lunch Break

DAY TWO: March 18, 2009 (continued)

1:30 - 2:30 Lake Tahoe and its watershed, agency/stakeholder panel - Dan Sussman (Lahontan Regional Water Quality Control Board), Jason Kuchniki (Nevada Department of Environmental Protection), Jacques Landy (US EPA), Tim Hagan (Tahoe Regional Planning Agency), and Carl Young (League to Save Lake Tahoe)

2:30 - 4:00 California climate change legislative update, climate action plans and sustainability frameworks

- A summary of recently passed California legislation and how it impacts land use planning and development – Autumn Bernstein (ClimatePlan)

3:00 - 3:30 Afternoon Break

- Applying best practices in climate change and sustainability frameworks to the Tahoe region with a focus on protection and mitigation – Darin Dinsmore (Regional Planning Partners)

4:00 - 5:00 Audience input into a draft climate action plan

CONFERENCE LOGISTICS

FEE: There is **no fee** to attend this symposium. Consequently, there will be no food or drinks provided either day. We will be taking optional deli orders for lunch. Please bring cash for this. Otherwise, please bring what food and drinks you need, or be prepared to participate in nearby foraging excursion. (*map of local restaurants at front desk*)

DIRECTIONS: *Carpooling is strongly encouraged*

From Reno

- Take U.S. Highway 395 South to Nevada State Route 431 (Mount Rose Highway)
- Take SR 431 toward Mount Rose/North Lake Tahoe until you reach Country Club Drive
- Turn left and proceed south until you reach Tahoe Boulevard
- Cross Tahoe Blvd and enter Sierra Nevada College through the entrance on the right-hand side

Sacramento (via Interstate 80)

- Take Interstate 80 East through Truckee until you reach CA State Route 267
- Follow SR 267 south over Brockway Summit toward Lake Tahoe
- Turn left on Nevada State Route 28 in Kings Beach. Follow SR 28 (Tahoe Boulevard) through Crystal Bay into Incline Village
- Proceed east on SR 28 (Tahoe Boulevard) until you reach Country Club Drive.
- Turn right on Country Club and enter Sierra Nevada Col-

Sacramento (via U.S. Highway 50)

- Take US 50 East to Nevada State Route 28
- Turn left and proceed north on SR 28 (Tahoe Boulevard) to Incline Village until you reach Country Club Drive
- Turn left on Country Club and enter Sierra Nevada College through the entrance on the right-hand side

Once on Country Club Drive (just south of Tahoe Blvd.), the entrance for Tahoe Center for Environmental Sciences is the third driveway on the right and there is a parking lot located to your right

For workshop content information, contact Zach Hymanson at 775-881-7561 or redfir@sbcglobal.net or Susie Kocher at 530-542-2571 or skocher@nature.berkeley.edu.

For registration information contact Nancy Starr at 530-621-5552 or nancy.starr@co.el-dorado.ca.us. Register at: <http://ucanr.org/climatesymposium> by **March 6**.

LODGING OPTIONS:

Incline Village - Hyatt Regency Lake Tahoe

<http://laketahoe.hyatt.com/hyatt/hotels/index.jsp>

Kings Beach (CA) - Ferrari Crown Motel

<http://www.tahoecrown.com/lake-front-lodging>

(Note: both motels above have partnership with TCES.

Parkside Inn at Incline
www.innatincline.com. 775-831-1052, (Note: No partnership but they are the closest motel)

For other options, search hotels/motels in Incline Village, Kings Beach or the N. Shore of Tahoe.



SPONSORED BY:



Academy for the Environment



Campus and Community Map with Nearby Restaurants and Hotels



Lodging

- 1 Parkside Inn at Incline
- 2 Hyatt Regency

Coffee Shops

- 3 Starbucks
- 4 Art's Coffee House

Restaurants

- 5 Austin's
- 6 Thai Recipe
- 7 T's Mesquite Rotisserie
- 8 Mofo's Pizza and Pasta
- 9 Yoshimi Sushi
- 10 Crosby's
- 11 Wildflower Café

Restaurants/Delis

- 12 Wild Alaskan
- 13 Sunshine Bakery
- 14 Lone Eagle Grill \$\$\$\$
- 15 Black Bear Deli
- 16 Raley's Deli
- 17 Grog & Grist Deli
- 18 Village Market Deli

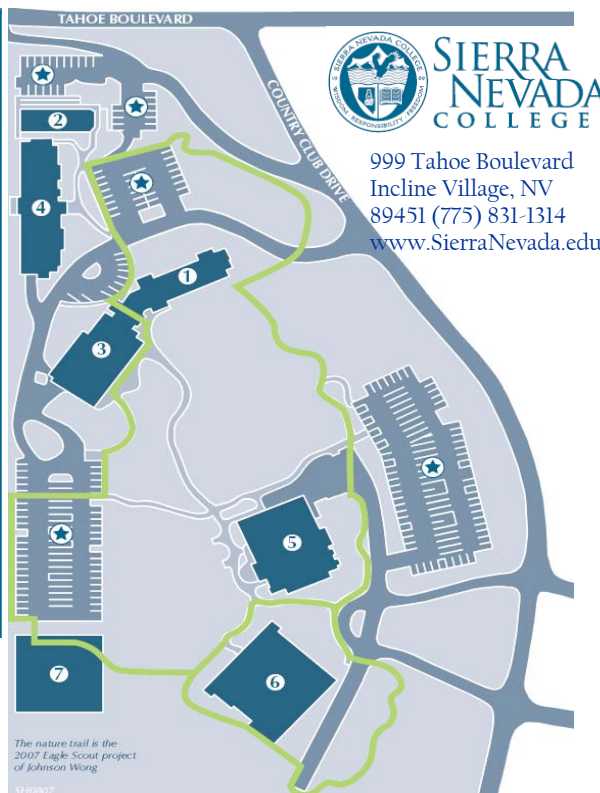
TCES building

- X Climate Change Symposium

Parking

- P SNC campus parking
- OP Overflow parking at Hyatt

- 1** CAMPBELL-FRIEDMAN HALL
 - Residence Hall
- 2** DAVID HALL
 - Art Studios
 - Financial Aid
 - Registrar
 - Student Accounts
- 3** PATTERSON HALL
 - Cafeteria
 - Luria Dining Hall
- 4** PRIM-SCHULTZ HALL
 - Residence Hall
- 5** PRIM LIBRARY
 - Admissions Office
 - Office of the President
 - Rodney and Evelyn Smallwood Campus Store
 - Scarsella-Boleky Tutoring Center
 - Tahoe Gallery



- 6** TAHOE CENTER FOR ENVIRONMENTAL SCIENCES
 - Greenhouse and Herbarium
 - Redfield Cafe - Peet's Coffee
 - Science Teaching Laboratories
 - Thomas J. Long Foundation Education Center
 - UC Davis Tahoe Environmental Research Center
- 7** NORTH LAKE TAHOE DEMONSTRATION GARDEN
-  PARKING
-  CAMPUS NATURE TRAIL
 - .75 Mile Loop
 - Woodchip and Paved Paths