

## **Two Billion Cars: Driving Towards Sustainability**

Date: Feb. 23, 2012

Time: No-host bar begins at 5:30 p.m. Presentation begins at 6 p.m.

Location: Tahoe Center for Environmental Sciences, 291 Country Club Drive, Incline Village, NV

Cost: \$10 donation suggested

Volatile oil prices. Looming climate change. Worldwide economic and political unrest. Worsening traffic congestion. Crisis in transportation financing.

As we begin to face the consequences brought about by uncontrolled growth and neglected carbon awareness, we realize that America's ongoing love affair with the car will continue to cause widespread environmental impacts and global conflicts over oil supply. These challenges and their solutions are the ongoing focus of research by the Institute of Transportation Studies (ITS) at UC Davis. For over two decades, understanding the challenges and solutions have been the nexus of Institute's work.

Dr. Dan Sperling and Dr. Tom Turrentine will present their insight of current strategies and research, and promulgate their unique and optimistic views of the rapidly evolving transportation and energy solutions of the future. The duo will unveil how new technologies will allow consumers to access a suite of transportation and energy applications, ranging from dynamic real-time ride sharing applications, to programs that help consumers conserve energy in their cars and homes. As tomorrow's advanced transportation technologies rapidly unfolds, will Lake Tahoe's environmentally sensitive communities be ready to drive to a sustainable future?

Presenters:

- Dan Sperling is Professor of Civil Engineering and Environmental Science and Policy, and founding Director of Institute of Transportation Studies (ITS) at UC Davis. Authored or co-author of over 200 technical papers and 12 books, including *Two Billion Cars*.
- Tom Turrentine is the Director of the UC Davis Plug-in Hybrid and Electric Vehicle Research Center. He has studied consumer responses to electric vehicles, alternative fueled vehicles, micro-vehicles, station car systems, and advanced traveler information.

Hosted by the [UC Davis Tahoe Environmental Research Center](#) and [Sierra Nevada College](#). For additional information, contact 775-881-7566 or [tercinfo@ucdavis.edu](mailto:tercinfo@ucdavis.edu).

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## About the UC Davis Tahoe Environmental Research Center

The UC Davis Tahoe Environmental Research Center presents monthly lectures on science topics and organizes various educational programs including the Youth Science Institute, Science Expo, and Children's Environmental Science Day. The Tahoe Environmental Research Center is dedicated to research, education and public outreach on lakes and their surrounding watersheds and airsheds. Lake ecosystems include the physical, biogeochemical and human environments, and the interactions among them. The center is committed to providing objective scientific information for restoration and sustainable use of the Lake Tahoe Basin.

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## Other Upcoming Events

- February 9, 2012: [Project WET \(Water Education for Teachers\) Workshop](#), North Shore
- February 16, 2012: [Project WET \(Water Education for Teachers\) Workshop](#), South Shore (U.S. Forest Service Office, South Lake Tahoe)
- February 23, 2012: [Two Billion Cars: Driving Toward Sustainability](#) with Dan Sperling, Director UC Davis Institute of Transportation Studies and Tom Turrentine, Director UC Davis Plug-in Hybrid Electric Vehicle Research Center
- March 12 - 15, 2012: [Science Expo](#) (Life Science Theme)
- March 22, 2012: Climate Change with Dr. Howie Spero, UC Davis
- April 19, 2012: Biophotonics with Dr. Marco Molinaro, UC Davis
- May 22-24, 2012: [Tahoe Science Conference](#) – Environmental Restoration in a Changing Climate
- June 2, 2012: Tahoe City Field Station (Historic Hatchery) Open House
- August 11, 2012: Annual [Children's Environmental Science Day](#)

Visit <http://terc.ucdavis.edu/calendar/> for additional information.